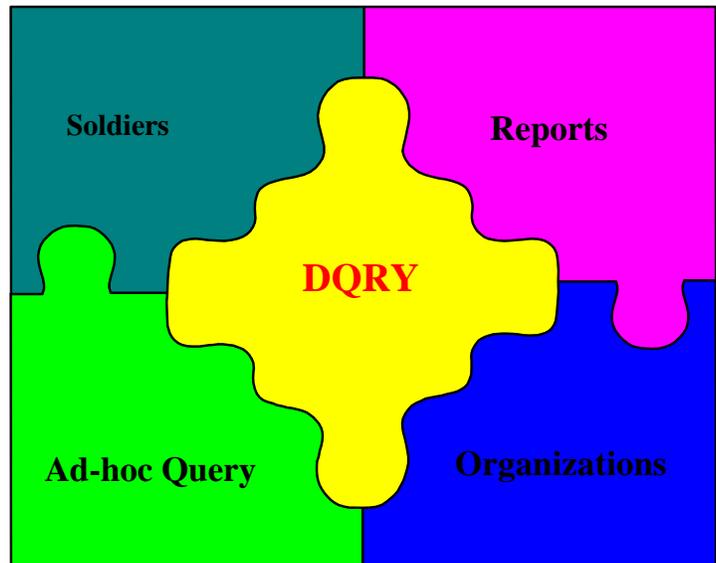


UNITED STATES ARMY
HUMAN RESOURCES COMMAND
PERSONNEL INFORMATION SYSTEMS DIRECTORATE

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Enlisted Personnel Database Query System Using DataQuery



User Reference Manual
5 July 2005

What is DATAQUERY?

DataQuery is a software tool that will generate reports based on ad-hoc database queries. It is a software product of Computer Associates (formerly Applied Data Research).

DataQuery will primarily be used as end user tool for writing and executing ad hoc queries. DataQuery will access Datacom/DB files in a real time environment. The user does not have to be an experienced data processing user to use this product.

DataQuery use is authorized at two levels .Conventional and Associate. **Conventional** users perform all tasks associated with creating, maintaining, and using queries or dialogs they create or that are created by others. Queries may be created through a guided query creation function by telling DataQuery what you want the query to do. Experienced users can create quite complex queries in the DataQuery language. **Associate** users execute queries and dialogs from the query library, supplying variable data where required. A Dialog query is a special query containing variables for which the person executing the query can substitute another value. Prompt panels appear upon which you can designate different values for assigned defaults. Associate users do not create or maintain queries.

What You Need Prior To Using This Guide

1. Access to PERnet system.
2. PERnet user-id and password
3. Access to and identity of the system you will be using.
(Example: AL1CIP9 SYS1 OMF/PROD CICS)
4. PERnet account number.
5. Data base view identifier (Data Base Password).
6. PERnet DataQuery user-id.

CONTACT YOUR TASO OR IMO FOR ASSISTANCE IN OBTAINING THE ABOVE.

User Operated Data Base Query Capabilities

Operating and maintaining queries and systems developed with user-operated capabilities is the responsibility of the developer. Extensive training and assistance is provided to implement DB Query capabilities and to resolve problems. However, the continuing requirement for resources to operate and maintain queries and systems must be considered in the decision to develop them.

System Security

System security is the responsibility of every user. All input to the system and output generated from the system must be safeguarded. At a minimum, FOUO (For Official Use Only) and Privacy Act regulations should be adhered to.

Passwords to the system should be protected at all times and changed often. Army Regulation governing Automation Security "Passwords, as unique identifiers of individuals authority and privilege, must not be allowed to migrate between individuals even though those individuals are employed on the same project." Simply stated, keep your passwords to yourself.

How To Use This Guide

1. Purpose: This guide is intended to help beginning users quickly master the basic procedures required for signing on to DataQuery and entering a simple ad hoc query. Its scope is limited to the essential functions required for signing on; entering a simple query; changing and saving a query; and logging off of DataQuery. It does not address the more advanced features of DataQuery. For further information refer to additional documentation manuals listed in this guide.
2. Use: Beginning users should use this guide to rapidly gain familiarity with logging onto and off DataQuery; entering a basic query; and changing and saving that query.

Additional Documentation

In addition to this guide the following user documentation is available from Computer Associates. Check with your IMO or TASO for local availability.

Document number	Description
R1O5DQ8OUGP	DataQuery User Guide (DQL).
ROO5DQ8OSRP	DataQuery Reference

How To Enter Keystrokes

1. Keystrokes: The various systems are accessed, used and exited by keystrokes. Simply put, a keystroke is one or more keys pressed at once or in sequence to access a system, use a function or exit the system.
2. Keystroke Symbols: This guide uses some simple symbols that are highlighted to represent keystrokes. The meaning and use of these symbols is illustrated below:

Enter

For example, the preceding symbol represents pressing the Enter key one time.

/

The forward slash, “/”, is used in representing a keystroke, in which more than one key is pressed.

Shift/F1

For example, the preceding symbols represent holding the “Shift” key down and pressing the “F1” key. On a PC with a 10 function key keyboard this keystroke is done whenever the user wishes to send a “PF11” (F11) keystroke to DataQuery.

3. Important Keys and Keystrokes:

Using DataQuery requires certain keys and keystrokes. These are identified described below:

Enter

The “Enter” key is pressed after typing a command or whenever the system directs the user to press it. This tells the system to “execute this...”

Alt, Ctrl, Shift

The “Alt”, “Ctrl” and “Shift” keys are often used in conjunction with other keys to form a specific keystroke. When one of these keys is used to make a keystroke, it is held down and another key is pressed.

Space Bar

This key, or bar, is at the bottom of the keyboard where the users thumb rest. It inserts spaces and moves the cursor and is usually destructive to characters being spaced through.

Ctrl/R

This keystroke is used to clear a protected area or “locked” keyboard. This condition occurs when a user types in a protected area (any area outside of the screens designated input fields) of the screen.

Tab

The ‘Tab’ key moves the cursor from input field to input field on the screen. DataQuery and the CICS system it operates under, designate certain parts of the screen (designated input fields) in which data may be typed. Any area outside of these fields is considered “protected” and the keyboard will “lock” if an attempt is made to enter data there. Using the Tab keystroke allows the user to skip from input field to input field, without entering a “protected” area.

Shift/Tab

This keystroke performs the same function as the Tab keystroke, but in the opposite direction.

<> <>

Eight keys that move the cursor to determine where (ARROW keys) the next character typed will be placed. If spaces are needed, use space bar instead. Also known as Cursor Positioning Keys. The eight keys are not destructive and do not work if Num Lock is on

Del

Deletes the character located at the position of the cursor and simultaneously moves all characters, which are to the right of the cursor, one position to the left.

Ins

Inserts a character located at the position of the cursor and simultaneously moves all characters, which are to the right of the cursor, one position to the right. Stays active until pressed again, this toggles the insert function off.

Alt/Numlock

This keystroke is used to switch (toggle) back and forth between a HOST screen and the PACKET MSDOS screen. It is used when logging off.

PF1-PF12

These are programmed function keys, which are used in to execute specific commands. Some keyboards have only 10 program function (PF) keys. In order to access PF11 and PF12 a combination keystroke can be used. Shift/PF1 = PF11 and Shift/PF2 = PF12. The Packet communications software program provides the combination function key settings.

The XWAIT Message and What It Means.

The “XWAIT” message that appears from time to time in the lower left hand corner of your screen is a system message that indicates when this system is processing a request. You should wait until processing has been completed and the message disappears before entering another request. The message informs us that the system is either performing the directed task or is waiting for the task to be completed. In either case the system will not recognize keyboard functions.

Definition of Fields, Records, Files, Data Bases and Keys

A **Field** or **Column** is a basic unit of data storage within the database. A field is simple or compound and/or repeating.

Simple **Field/Column** single item occurrence of data

Compound **Field/Column** group of two or more related fields, which are contiguous.

Repeating **Field/Column** group of fields with identical attributes and the same type. of data.

A **Record** or **Row** is a related group of fields.

A **File** or **Table** is a collection of related records.

A **Data Base** is a collection of related type files or tables.

A **Key** - is a one or more field within a record, which is used to locate a record quickly, and which can be used to relate two or more types of records from different files.

Master Key - The primary access to a record in a file. Each field of the index must have data. Duplicates are not usually allowed. This is a mandatory key.

Native Key - This identifies the physical sequence which DATACOM will use to store data. When possible, the path followed when a sequential search of a file for a record is required. This is a mandatory key.

Alternate Key - Is also referred to as Secondary Keys. These are other access paths available to the user to retrieve a record. The fields that constitute secondary keys are not required to contain data.

Primary Concepts and Terminology

ASSOCIATE USER - Can execute queries and dialogs from the query library, supplies variable data when required and enters specification for resulting reports. Query creation, modification, or viewing capabilities are not available.

CONVENTIONAL USER - Performs all tasks associated with creating, maintaining, and executing queries; also uses queries created by others.

ON-LINE PROCESSING - Processing of DataQuery queries or dialogs that will provide output to the terminal. Local workspace allows approximately 21,000 records to be found for on-line processing per query.

BATCH PROCESSING - Batch processing will allow the user to obtain data off-line, conserving system resources. With the batch function, you can defer your demand on the system to non-peak processing periods. This is usually after 1600 hours. Local workspace allows approximately 200,000 records to be found for batch processing. Batch processing also allows the user to submit, edit or execute additional queries without the system interaction associated with on-line processing.

DIALOG - is a special query containing variables for which the person executing the query can substitute another value. For a query to contain variables, the type must first be defined as a dialog. A Dialog consists of variable ids, dialog symbols and dialog fill characters.

VARIABLE - A part of a query for which the person executing it can substitute another value. For a query to contain variables, the query type must be a dialog. Any part of the DataQuery language, a term, a value, or a field name can be used as a variable.

PANEL - A panel is *an* information display and input screen. Panel display dialog defined variables.

PERSONNEL DATABASES

The Datacom-DB Enlisted Data Base is divided into separate files/tables. The Datacom-DB Officer TAPDB/AO Data Base is divided into separate files that are located on a different system and cannot be accessed in conjunction with the enlisted data. The files or tables that make up the Enlisted and OMF databases contain different categories of information. Information is combined from the various files or tables of the Enlisted Data Base and TAPDB/AO Data Base via keys.

In order to access the Datacom-DB files with various software tools such as DataQuery you need to know the name of the files (file/table names), fields and keys. Attached, as Appendix A is a listing of the Enlisted Tables containing table names, field names and keys. Attached as Appendix B is a listing of the files containing file (table) name, field names and keys.

PERnet Menu Instructions

If this is your first time signing on to PERnet, your password will be the same as your USERID.

Your password must be changed every 45 days. You will get a warning notice on the screen about ten days before the password expires. You can change your password at anytime, but only once in a 24-hour period. If you are going away, you should change your password before leaving. This will ensure that it will not expire while you are away.

There is no record of your password; so if you forget or it expires, you must go to the security office and have it reset.

You have three times to enter your password. If you get it wrong three times, you have to have your password reinstated. Ensure that you remember your password.

```
PPPPPPPP  EEEEEEEEE  RRRRRRRR
PPPPPPPP  EEEEEEEEE  RRRRRRRR
PPP  PPP  EEE          RRR  RRR          ttt
PPPPPPPP  EEEEEEE   RRRRRRRR   nnnnnnnn   eeeeeee   ttt
PPPPPPPP  EEEEEEE   RRRRRRRR   nnn   nnn   eee   eee   ttt
PPP        EEE       RRR  RRR   nnn   nnn   eeeeeee   ttt
PPP        EEEEEEEEE  RRR  RRR   nnn   nnn   eee   ttt
PPP        EEEEEEEEE  RRR  RRR   nnn   nnn   eeeeeee   ttt

/K or LOGOFF to EXIT

This network of computers is protected by a security system.
Criminal law prohibits unauthorized use. Violators will be prosecuted.
*****
*   USER-ID:                PASSWORD:                10:00:16   *
*   NEW PASSWORD:           07/06/05   *
*   ACCOUNT:                ALTC0316   *
*   TRANSFER:               3279-2   *
*                           SMRTAL9A   *
*****
TPX 5.1 *****

PLEASE CHECK MESSAGES FOR MORE PASSWORD INFORMATION
```

1. Type in your PERnet USERID.
2. Tab to the password field.
3. Type in your PERnet PASSWORD.
4. Tab to the ACCOUNT field.
5. Type in your account number.
6. Press the ENTER key.

If this is your first time signing on to PERnet, the password and USER-ID will be the same.

Press the Tab key to NEW PASSWORD

Type a password

Press the Tab key to VERIFY PASSWORD

Type same password

FOR HOFFMAN USERS ONLY

On Sunday, 24 April 2005, HRC implemented a new password policy to comply as closely as possible to AR 25-2 requirements.

When your password expires you will be bound by the new rules.

All passwords must have 8 characters which must include:

2 letters; 2 numbers;

2 special characters ! @ # \$ % ^ & * - = : . _ | ?

No vowels and no repeating (back-to-back) characters.

New password example: **T#3D\$4B2**

RESET: If your password is suspended, have your IASO call for a reset. Your new (reset) temporary password will be your logon-id with a dollar sign (\$) added as the 8th character.

For example: **ALX123M\$**

TPX Menu Instructions

After logging on to PERnet, the first menu you see will be the TPX menu (Terminal Productivity Executive). TPX selections are different for each user. Some users may have two while others may have ten; depending on the system they need to access.

This is an example the TPX menu.

```

                                TPX MENU FOR ALQT82J
                                Panelid - TEN0041
                                Terminal - ALTC0433
                                Model    - 3279-2
                                System   - AALTPX01

Cmdkey=PF12/24   Jump=PA3           Menu=PA1
Print=PF14       Cmdchar=/          /K to EXIT

      Sessid      Sesskey      Session Description      Status
- AMSNET        PF          ISC-P TPX (AMSNET)
- TPXADMIN      PF          TPX ADMINISTRATION
- TPXMAIL       PF          TPX MESSAGES / BROADCASTS
- TPXNOTES      PF          TPX SCRATCHPAD
- AL1ROS        PF 2        ISC-H ROSCOE
- AL1CID4       PF 3        ISC-H OTHR/DEV CICS
- AL1CIT8       PF 4        ISC-H DATACOM-SQL/TEST CICS      N/A
- AL1CIT9       PF 5        ISC-H TRAINING CICS
- AL2CIP1       PF 7        ISC-H EDAS/PROD CICS
- AL2CIP2       PF 8        ISC-H TOPMIS/PROD CICS
- AL2CIP4       PF 9        ISC-H OTHR/PROD CICS
- AL2TSO        PF          ISC-H TSO
- DSSPROFS     PF          DSS PROFS

Command ==>
PF1=Help  PF7/19=Up  PF8/20=Down  PF10/22=Left  PF11/23=Right  H =Cmd Help
                                Check Messages
    
```

Use the TAB key to move the cursor to the system you wish to sign on to and press the ENTER key. You can also set program function in this menu so you will only have to push a PF key in order to get into a particular system. In order to set your PF keys, use the TAB key move the cursor to TPXADMIN and press the ENTER key.

```

                                TPX User Self-Maintenance Menu
                                Panelid - TEN0128
                                Userid  - ALQT82J
                                Terminal - ALTC0433
                                Date    - 07/06/05
                                Time    - 09:36:51

Select Option ==>

      Userid: ALQT82J

1  TPX User Options
2  TPX Session Options

3  STX User Options
4  STX Session Options

Only options highlighted are authorized for you.

Help can be reached by pressing PF1 from the Command line or from any field.
If a short Help message appears, you can press PF1 again for detailed Help.

Values changed become effective at your next TPX or STX signon.
    
```

Select option **2** and press the **ENTER** key. This will put you on the TPX Userid Maintenance Table Entry List Menu.

```

TPX Userid Maintenance Table Entry List

Command ==>>
Userid: ALQT82J          Profile           System
                        Defaults           Defaults
Panelid - TEN0122
Userid   - ALQT82J
Termid   - ALTC0433
Date     - 07/06/05
Time     - 09:44:49

Command key:  _____ PF12/24
Jump key:    _____ PA3
Menu key:    _____ PA1
Print key:   _____ PF14

      Applid   Profile   Sesskey   Profile   Menu   Profile
      Override Applid   Override Sesskey   Order  Order
AL1CID4 _____ AALCID4   PF 3     PF ___    ___    099
AL1CIT8 _____ AALCIT8   PF 4     PF ___    ___    099
AL1CIT9 _____ AALCIT9   PF 5     PF ___    ___    099
AL1ROS  _____ AALROS01  PF 2     PF ___    002    099
AL2CIP1 _____ AALCIP1   PF 7     PF ___    ___    099
AL2CIP2 _____ AALCIP2   PF 8     PF ___    ___    099
AL2CIP4 _____ AALCIP4   PF 9     PF ___    ___    099
AL2TSO  _____ AALTB     PF ___    PF ___    ___    099
AMSNET   _____ TPXI      PF ___    PF ___    ___    ___
PF1=Help  PF3=End  PF4=Return PF7=Up    PF8=Down  "CANCEL" cancel
    
```

Press the **TAB** key until the cursor is at Sesskey Override for session you wish to assign PF key. Type the PF number you wish to assign then Tab to Menu Order and enter sequence number you want for your TPX menu. Default is alphabetic sequence by session. Press the **F3** key twice to return to TPX menu after making all necessary entries.

Checking TPX Messages

```

TPX MENU FOR ALQT82J
Panelid - TEN0041
Terminal - ALTC0433
Model    - 3279-2
System   - AALTPX01

Cmdkey=PF12/24  Jump=PA3      Menu=PA1
Print=PF14     Cmdchar=/    /K to EXIT

      Sessid   Sesskey   Session Description      Status
_ AMSNET      PF        ISC-P TPX (AMSNET)
_ TPXADMIN    PF        TPX ADMINISTRATION
_ TPXMAIL     PF        TPX MESSAGES / BROADCASTS
_ TPXNOTES    PF        TPX SCRATCHPAD
_ AL1ROS      PF 2     ISC-H ROSCOE
_ AL1CID4     PF 3     ISC-H OTHR/DEV CICS
_ AL1CIT8     PF 4     ISC-H DATACOM-SQL/TEST CICS  N/A
_ AL1CIT9     PF 5     ISC-H TRAINING CICS
_ AL2CIP1     PF 7     ISC-H EDAS/PROD CICS
_ AL2CIP2     PF 8     ISC-H TOPMIS/PROD CICS
_ AL2CIP4     PF 9     ISC-H OTHR/PROD CICS
_ AL2TSO      PF        ISC-H TSO
_ DSSPROFS    PF        DSS PROFS

Command ==>>
PF1=Help  PF7/19=Up  PF8/20=Down  PF10/22=Left  PF11/23=Right  H =Cmd Help
Check Messages
    
```

If you see a ***CHECK MESSAGES*** prompt in the lower right corner of the TPX menu, you need to view the message or messages.

Type a **/B** at the command line and press the enter key or Tab over to TPXMAIL and press the **ENTER** key.

This command will bring you into the TPX Mailbox Menu.

This is an example of the MAIL MENU in TPX.

```
TEN0071                                TPX Message Menu

      1 Read your messages
      2 Read the bulletins
      3 Read your messages and the bulletins

Send or Store a message to:
      4 A user by userid
      5 A user by name
      6 A user by terminal
      7 A list
      8 All users in an administration group
      9 All active users of an application
     10 All users of an application
     11 All active users of a menu session
     12 All users of a menu session
     13 Everyone (A bulletin)

     14 Edit/browse userlists
     15 Add application news
     16 Update logo news

MENB0014 Please check the bulletins
F1=Help      F3=End      F9=Cancel
```

To read a message from here, type **3** at the Select option prompt and press the **ENTER** key.

```
TEN0072                                TPX Message List

Enter S to select or D to delete messages or bulletins.
You can delete non-personal messages only if authorized.

S Date      Time      From          Subject/Message
s 07/05/05 13:02:07 Sarah Pannell Password Information
***** BOTTOM OF DATA *****

Command ==>
F1=Help      F3=End      F4=Return    F7=Bkwd     F8=Fwd      F9=Cancel
```

In order to view a whole message on your list, you would place an **S** in the column labeled S of the message you want to view and press the **ENTER** key.

This will display the entire message you have selected. After you have read the message, press the **PF3** key until you reach the TPX menu or return to the message list and select another message to be displayed.

Selecting A TPX Session

TPX MENU FOR ALQT82J			Panelid - TEN0041
Cmdkey=PF12/24	Jump=PA3	Menu=PA1	Terminal - ALTC0433
Print=PF14	Cmdchar=/	/K to EXIT	Model - 3279-2
			System - AALTPX01
Sessid	Sesskey	Session Description	Status
_ AMSNET	PF	ISC-P TPX (AMSNET)	
_ TPXADMIN	PF	TPX ADMINISTRATION	
_ TPXMAIL	PF	TPX MESSAGES / BROADCASTS	
_ TPXNOTES	PF	TPX SCRATCHPAD	
_ AL1ROS	PF 2	ISC-H ROSCOE	
_ AL1CID4	PF 3	ISC-H OTHR/DEV CICS	
_ AL1CIT8	PF 4	ISC-H DATACOM-SQL/TEST CICS	N/A
_ AL1CIT9	PF 5	ISC-H TRAINING CICS	
_ AL2CIP1	PF 7	ISC-H EDAS/PROD CICS	
_ AL2CIP2	PF 8	ISC-H TOPMIS/PROD CICS	
_ AL2CIP4	PF 9	ISC-H OTHR/PROD CICS	
_ AL2TSO	PF	ISC-H TSO	
_ DSSPROFS	PF	DSS PROFS	
Command ==>			Check Messages
PF1=Help PF7/19=Up PF8/20=Down PF10/22=Left PF11/23=Right H =Cmd Help			

Once you have returned back to the TPX menu, you must choose the system you want to establish a session with. To do this one of the following methods is used. Press the TAB key until the cursor is on the line with your choice and press the ENTER key.

OR

Press the corresponding PF key (In the example, PF1). PF key must have been preset.

HELPFUL HINT:

CTRL/F1 from a session will toggle you back to the TPX menu or to another open session when more than one is active.

CTRL/F3 will toggle you back to the TPX menu when more than one session is active. Slash (/) and the PF key assigned to the session will take you directly to that session from an active session.

Logging Off of TPX

To sign off PERnet, type a /K and press the ENTER key.

This will bring you to the **QWS3270 Plus** screen. Select **Host...Exit** or **ALT/F4** or click "X" to close the dialog box.

This will close and remove the communications link to the PERNET system.

HELPFUL HINT:

/F will return you to the PERnet sign on menu without disconnecting terminal from host system from the TPX command line.

CICS Menu Instructions

The next menu you will see is the CICS/VS sign on/off facility. CICS is the Customer Information Control System. The VS stands for Virtual Storage. It provides the interface between CICS, Datacom/DB Ideal and DataQuery.

```
dqry
ACFAE139 CICS ALCPST9 Signon OK: User=ALQT82J NAME=ALRANAA
```

In this menu, you will type the information asked for. After you have typed in a field of information, press the tab key to move to the next field. Once you have typed in all the information that is asked for, press the enter key.

Instructions follow for entering information on this screen.

Type: **DQRY** to bring up DataQuery Sign-on screen.

Press the **ENTER** key

HELPFUL HINT:

Never press the Enter key until all information is entered. To log off CICS at this point, type **LOGOFF** and press the **ENTER** key.

DATAQUERY MAIN MENU

This is a example of the DataQuery Main Menu.

```
=>
-----DQZ60
DATAQUERY:  MAIN MENU - DQL MODE

ENTER THE NUMBER OF THE DESIRED FUNCTION ====>  _

1.  DIRECTORIES      - Lists of Queries, Terms, Tables, and Saved Sets
2.  CREATE           - Query, Dialog or Term creation
3.  GUIDE            - Structured query creation
4.  ADMINISTRATION  - DATAQUERY system management
5.  HELP             - Display Help Information
6.  OFF              - DATAQUERY session termination
```

There is one command line at the top of the screen labeled by an arrow (=>). To move to the command line, the Tab key or the Home key is used. The line following the command line is the system message line. This is where system messages and warnings are displayed. The next line is the separator line followed by the display area. This area is used to display menus, panels, applications and data.

Logoff Procedure

To log off DataQuery, type **6** to select the OFF function and press the **ENTER** key, OR type OFF at the command line and press the **ENTER** key.

```
=>
-----DQZ60
DATAQUERY:  MAIN MENU - DQL MODE

ENTER THE NUMBER OF THE DESIRED FUNCTION ====>  6

1.  DIRECTORIES      - Lists of Queries, Terms, Tables, and Saved Sets
2.  CREATE           - Query, Dialog or Term creation
3.  GUIDE           - Structured query creation
4.  ADMINISTRATION  - DATAQUERY system management
5.  HELP            - Display Help Information
6.  OFF             - DATAQUERY session termination
```

The DataQuery sign off screen will appear.

```
DQ194I - DATAQUERY SIGN/OFF COMPLETED

          DDDDD      QQQQQ      RRRRRR      YY      YY
        DDDDDDD      QQQQQQQ      RRRRRRR      YY      YY
       DD  DD      QQ  QQ      RR  RR      YY  YY
      DD  DD      QQ  QQ      RR  RR      YY  YY
     DD  DD      QQ  QQ      RRRRRR      YY
    DD  DD      QQ  Q  QQ      RR  RR      YY
   DDDDDDD      QQQQQQQ      RR  RR      YY
  DDDDDDD      QQQQQQQ      RR  RR      YY
                    Q

Version: 10.0                      Time: 10:36                      Date: 07/06/2005

(C) 1991, 2001 COMPUTER ASSOCIATES INTERNATIONAL, INC.
```

Press **Ctrl/End** to erase to end of line.

Type **LOGOFF** and press the **ENTER** key to log off CICS. The TPX menu will appear.

To sign off PERnet, type a **/K** and press the **ENTER** key.

(This will take you to a blue Packet PC screen.)

At the **C:PACKET** prompt, type the word EXIT and press the **ENTER** key.

HELPFUL HINT:

/F will return you to the PERnet sign on menu without disconnecting terminal from host system. This will allow another user to sign on without breaking the communication link.

The “Main Menu” panel displays the available functions. You may select one of the functions by entering the number corresponding to it, or you may enter a command on the command line. You arrived at this panel after signing on to DATAQUERY or after pressing the ESC key keys on any panel.

Type **1** to select the DIRECTORIES function and press the **ENTER** key.

DIRECTORY SELECTION PANEL

The “Directory Selection” panel allows you to select the type of directory you wish to view. The types of directories available are listed. You can make a selection by typing any character next to your choice.

You arrived at the Directory Selection panel by selecting the Directories option on the Main Menu or by typing **DIRECTORY** on the command line.

```

=>
Mark the desired Directory and press ENTER.
-----DQA40
DATAQUERY:  DIRECTORY SELECTION
-----

  _ Queries and Terms      - List all queries and terms accessible to you.
  _ Queries Only          - List queries accessible to you.
  _ Terms Only            - List terms accessible to you.
  _ Dialogs               - List Dialogs accessible to you.
  _ Public Queries        - List public queries.
  _ Queries and Terms     - List queries and terms created by user:
                          _____

  _ Tables                 - List the tables accessible to you.
                          Start Table Directory with Letter:
                          _____

  _ Saved Sets            - List the saved sets.
                          _____

-----
<PF1> HELP          <PF2> RETURN
    
```

DIRECTORY Functions

FIELD NAME	REQUIRED?	DESCRIPTION	VALID VALUES
-----	-----	-----	-----
QUERIES AND TERMS	NO	Selects a list of all queries and terms accessible by you	Any non-blank character
QUERIES ONLY	NO	Selects a list of all queries accessible by you	Any non-blank character
TERMS ONLY	NO	Selects a list of all terms accessible by you	Any non-blank character
DIALOGS	NO	Selects a list of all dialogs accessible by you	Any non-blank character
PUBLIC QUERIES	NO	Selects a list of all queries accessible by all users (public)	Any non-blank character

QUERIES AND TERMS	NO	Selects a list of all queries created by the named user	Any non-blank character
USER	YES, if listing by user	Names the specific user	Valid User Name: 1-32 characters
TABLES	NO	Selects a list of all tables accessible by you	Any non-blank character
START WITH	NO	The list of tables is to begin with table names starting with these characters.	String of characters 1-32 bytes long
SAVED SETS	NO	Selects a list of all saved sets accessible by you	Any non-blank character

Press the **ESC** key to return to Previous Menu.

DATAQUERY COMMANDS

Using DATAQUERY Commands

Each panel contains a command line at the top of the screen. This line is recognized by the "=>" prompt on the far left. You may type DATAQUERY commands on this line to direct DATAQUERY to perform certain functions and bypass menu and panel selections.

The valid commands vary depending on your authorization level and the panel you are on. For example, some commands are valid only for a user who is authorized to perform language maintenance activities, and some commands are valid only while using the Editor panel.

When you type a command on the command line and press the ENTER key, the processing being done on the current panel is terminated. If the panel requires it, be sure to save your work before issuing a command to begin a new function. If you enter an invalid command, you will receive an error message and remain on the same panel.

Some commands require operands, or additional information, following the key word. If you enter a command without enough operands, you will receive a panel that prompts you for the additional information.

Once you are familiar with the DATAQUERY system, commands provide a shortcut method to change from one type of DATAQUERY task to another without using menu and panel selections.

The following list contains the commands most commonly used by a conventional DATAQUERY user. Along with the command key word is a short description of the function the command performs. Commands for the Editor panel are listed in the User Guide and Reference under DATAQUERY Editor Commands.

COMMAND	DESCRIPTION
+nnnn	(Where nnnn represents a number) Scrolls forward nnnn pages on a multi-screen panel
-nnnn	(Where nnnn represents a number) Scrolls backward nnnn pages on a multi-screen panel
ADMIN	Displays the Administrative Menu
AUTHID	Changes the SQL Authorization ID for this session
BOTTOM	Scrolls to the last page of a multi-screen panel
CREATE	Displays the DATAQUERY Editor panel
DIRECTORY	Displays the Directory Selection panel
DISPLAY	Displays the Keys and Columns Display panel for the named database table
DQL	Changes the query language to DQL
DRAW	Formats query statements into the active query area
EDIT	Displays the Editor panel containing the named query, DIALOG, PROC, or term
EXECUTE	Displays the Online Execution panel for the named query
EXTRACT	Displays the Extract Active Found Set panel to save the active found set
GRAPH	Displays the Graph Selection Menu
GUIDE	Displays the first panel for constructing a query with the Guided Query Creation facility
FORMAT	Create and maintain SQL report definitions
HELP	Displays the List of Help Topics panel
KEEP	Displays the Save Active Found Set panel
LIST	Displays the specified type of directory
MENU	Displays the Main Menu
MSG	With operands, sends the message to the named user
OFF	Signs DATAQUERY off and returns to the monitor
PFn	(Where n is a number from 1 to 12) Works the same as pressing the corresponding PF key
PDB	List, create or maintain personal database tables
PLAN	Displays the Plan Optimization Options and Messages
PRODUCE	Displays the PRODUCE panel for the Report Facility
PROFILE	Displays the User Profile panel
REPORT	Displays a list the reports available to the user
SEND	Initiate distribution of a DATAQUERY report through Email
SQL	Changes the query language to SQL
STATS	Displays the FIND STATISTICS panel
STORE	Create a new PDB table from the output of an SQL or DQL query
SUBMIT	Displays the Batch Submission panel
TIME	Displays the current time and date
TOP	Displays the first page of a multi-panel screen

QUERY LANGUAGE STATEMENTS

Whether you build your queries using Guided Query or the Standard Query Editor, your query uses the same DATAQUERY Language statements. These statements instruct DATAQUERY to search a file, limit the search, relate two or more files to the first file, create temporary result fields, sort the data, determine the format of the report, and perform mathematical functions. DATAQUERY language statements are English-like sentences and clauses whose key words are verbs like FIND, SORT, or PRINT.

DataQuery language statements are made up of six basic statements and fall in the order listed below. The syntax for each command follows.

Query Task Required (YES/NO)

FIND	YES
RELATED	NO
WITH	NO
SET	NO
SORT	NO
PRINT or DISPLAY	YES
WHEN/DO	NO

Note for command syntax: Lower case words represent entries to be replaced by the user. Parentheses indicate optional entries. Words in upper case, if used, must be entered exactly as shown. Back slashes indicate a choice must be made among the entries. Braces indicate multiple entries can be made for the specification.

1. **DISPLAY**

Use this statement to present the information produced from your query one record at a time as a list of fields.

The Display Statement: - Presents field and key names in a list format. The Display Statement also specifies alternate headings to represent fields and keys. Designates how numeric field values appear in the report.

Syntax: DISPLAY (FROM) (file-name) {field-name\key-name ('heading1/heading2') (PICTURE 'edit pattern')}

2. **FIND**

The FIND statement specifies which information is to be retrieved from the data base. It must be the first statement in a query. The statement may contain three major parts: the FIND, the selection criteria and the relationship criteria.

Syntax: FIND (count) file-name (RECORDS) ('WITH {selection-criteria (AND/OR)} {(RELATED BY relationship-criteria TO file-name) (WITH {selection-criteria (AND/OR)})})

3. WITH

The WITH clause of the FIND statement contains the selection criteria to qualify a record for selection. This selection criteria is expressed as one or more logical expressions that DATAQUERY evaluates during the selection process.

Syntax: FIND ..(WITH) {dataname1 comparison-operator dataname2 (AND/OR)} RELATED BY ..(WITH) {dataname1 comparison-operator dataname2 (AND/OR)}

4. RELATED BY

This clause must appear in the FIND statement when more than one file is referenced in the query. The key or field you specify in the RELATED BY clause defines how to link the two files.

(1) FIND {(file-name) RELATED (BY) key-name (KEY) (TO) (FIRST) file-name (RECORD (WITH {selection-criteria (AND/OR)}))}

(2) FIND ...{(file-name) RELATED BY link-fid (VIA) key-name (KEY/fieldname (TO) (FIRST) file-name (WITH {selection-criteria (AND/OR)}))}

5. SET

You can use the SET statement in a query to perform arithmetic calculations on the data found by a query, access user defined functions, and arrange groups of equations to use calculations previously computed by other SET statements. You may include multiple SET statements within a query. SET statements must immediately follow the FIND statement.

Syntax: SET result-field ((n.d)) = numeric-field-name\arithmetic-expression numeric-literal\previous-result-field

6. SORT

The SORT statement allows you to organize the records selected with the FIND statement. You can include a SORT statement in your query to list the selected records in a specific order based upon the values contained in the fields used as the sort criteria. You can order records in a collection in ascending or descending order according to values contained in one or more fields. You can specify multiple SORT control fields to allow sequencing of a group within a group and designate control break fields.

Syntax: SORT (BY) {(file-name) control-field (UP\DOWN)}

7. PRINT

Use the PRINT statement to show the information produced from your query in a report-like format. The values of the fields and keys you specify in the PRINT statement appear in columns.

Syntax: PRINT (FROM) (file-name) {field-name\key-name ('heading1/heading2') (PICTURE edit pattern') }

8. WHEN/DO

The WHEN/DO statement specifies when a mathematical function or page break is to be performed and what field will be the object of the mathematical function. The PRINT statement must be completed before the WHEN/DO statement is given.

Syntax: { WHEN (file-name) named-control-break\FINISHED (BREAKS) {DO ('report-legend)
func (file-name) field-name (PICTURE 'edit-pattern')}} }

SPECIAL SYMBOLS

DATAQUERY uses a number of characters as symbols with special significance in formatting queries.

Comparison Operators and Symbols:

< > =

Less than, greater than, and equal. These are logical operators used in comparison clauses. They must be surrounded by blanks.

Logical **NOT** symbol. This negates a logical expression, which it precedes. It must be surrounded by blanks.

You can also use the below comparisons in place of symbols:

EQ Equal
NE Not Equal
GT Greater Than
GTE Greater Than and Equal
LT Less Than
LTE Less Than and Equal

() Parentheses

Parentheses serve several purposes within a query depending on where they appear. When used within an arithmetic or logical expression, they serve to clarify the order of calculations or the scope of a logical symbol. Parentheses also designate special functions of query statements, which are explained in the discussion of those statements.

' _____ ' Apostrophes

Pairs of apostrophes (single quotes) must be used to delimit literals, headings, or text strings. When the phrase within the apostrophes contains an apostrophe itself, two consecutive apostrophes must be used for each one that is to appear in the resulting phrase.

BLANK

One or more blanks are entered with the space bar to separate words within a query.

#

LITERAL MASKING CHARACTER

Used in a character literal in a WITH clause of the FIND statement to indicate a position to be ignored in the comparison. It is also used when presenting unprintable data on a report.

*/

COMMENT BEGIN CHARACTER

Designates the beginning of a comment within query text. **DO NOT SEPARATE WITH A SPACE!**

/*

COMMENT END CHARACTER

Designates the end of a comment contained within query text.

?

DIALOG SYMBOL

Used to identify a Dialog variable in the text of a Dialog. A value will be substituted for the variable at execution time by the user.

DIALOG FILL CHARACTER .underscore _____

Used to hold a character position in the Dialog variable so that a value of the full indicated length can be entered.

Arithmetic Symbols

These symbols are normally used to specify calculations to be performed by the SET statement but may appear elsewhere in arithmetic expressions.

+,*,/

Respectively, addition, multiplication, and division and must always be surrounded by blanks. The hyphen is commonly used to signify subtraction when surrounded by blanks. It may also be used as a negative sign with numeric literals or as a unary minus sign when it prefixes a field name.

STANDARD QUERY EDITOR

Once you are familiar with the Query language, you can create queries using the standard Editor panel. This panel is accessed by the CREATE or EDIT command, by selecting the Create option from the Main Menu, or by selecting the Edit PF key function from a Directory listing. You may enter text in the edit area, and you may insert, delete, copy, and move lines within the text. Through use of the PF keys, you can display helpful information about the files and fields you are using and the query language syntax. When you have finished creating the query, you change to Process mode to validate and execute the member.

The Standard Query Creation function has many helpful features to make query creation easy:

Template:

The editor lets you access a language statement template you can use to insert formatted language statements into your query text.

Data Base Information:

You can display data base information such as files, keys, fields, etc., and copy any desired names into your query text so that you can avoid keying errors.

Validation:

You can validate the query you've created or updated.

Library Maint:

You can save a new query, or other member types, update or delete an existing one, or copy a member from the public library, change it, and save it in your private library.

The Standard Query Editor also provides extensive line commands to aid you in creating and editing your queries, terms, PROCS, JCL, and DIALOGS. The following page provides a quick reference for the Editor commands.

These are line commands, meaning that they are entered in the line number column of the line on which you wish to perform the command.

When commands require a string, the string is entered in the text area of the same line. Some commands require a destination, which is indicated by entering an A (after this line) or a B (before this line) in the line number column.

CH /string1/string2/

Changes the first occurrence of the first string to the second string

C

Copies the line to the specified destination

Cn

Copies the next n lines to the specified destination

CB

Copies all the lines from the current line to the bottom of the text to the specified destination

CC

Specifies the beginning or ending line of a block of text to be copied to the specified destination. This command must be entered on both the beginning and ending lines of the block.

CT

Copies the lines from the current line to the top of the text to the specified destination

D

Deletes the line

Dn

Deletes the next n lines

I

Inserts a blank line after the line

In

Inserts n blank lines after the line

NE /string/

Searches forward for the next occurrence of the string

PR /string/

Searches backward for the previous occurrence of string

M

Moves the line to the specified destination

MB

Move the lines from the current line to the bottom of the text to the specified destination

MM

Specifies the beginning or ending line of a block of text to be moved to the specified destination. This command must be entered on both, the beginning and ending lines of the block.

Mn

Move the next n lines to the specified destination

MT

Move the lines from the current line to the top of the text to the specified destination

R

Repeats the line

Rn

Repeats the line n times

*

Scrolls the line to the top of the screen

T

Scrolls to the top of the text

<N

Shifts the display to the right by n columns

>N

Shifts the display to the left by n columns

SP

Splits the line at the position of the cursor

X

Cancel a pending copy, move, or other block command

CREATION Panel

```
=>

-----DQZ60
DATAQUERY:  MAIN MENU - DQL MODE

ENTER THE NUMBER OF THE DESIRED FUNCTION ===>  2

1.  DIRECTORIES          - Lists of Queries, Terms, Tables, and Saved Sets
2.  CREATE                - Query, Dialog or Term creation
3.  GUIDE                - Structured query creation
4.  ADMINISTRATION      - DATAQUERY system management
5.  HELP                 - Display Help Information
6.  OFF                  - DATAQUERY session termination
```


Validation provides a table to column crosscheck that will identify invalid associations, performs a syntax check of query structure, and verifies spacing of query commands.

The following screen will appear after a successful validation. Note the line -numbers appear once validated or if the Enter key is depressed.

```
=>
DQ2141 - QUERY VALIDATION WAS SUCCESSFUL AND NO ERRORS WERE FOUND
-----DQD10
DATAQUERY:  EDITOR          CURRENT TABLE:  _____
-----
NAME:        DQEXER-1              TYPE: QUERY   STATUS: PRIVATE
DESCRIPTION:  SAMPLE LIST QUERY
      .....1.....2.....3.....4.....5.....6.....7.....
.. ===== T O P =====
01 FIND ALL EPR-T
02     WITH SCOMPT EQ 'R' AND RECSTA = 'G'
03     SSN EQ '111111111'
04 SORT BY PAYGRA NAME
05 PRINT NAME SSN DOB PAYGRA PMOSEN DEROS SEX MARST CTLANG ARLOCH BASD
.. ===== B O T T O M =====
-----
<PF1> HELP      <PF2> RETURN      <PF3> DISPLAY COLUMNS <PF4> DISPLAY KEYS
<PF5> DISPLAY ALL <PF6> LIST TABLES <PF7> BACKWARD      <PF8> FORWARD
<PF9> TEMPLATE  <PF10> VALIDATE   <PF11> RIGHT/LEFT   <PF12> PROCESS MODE
```

Press **F12** (Shift/F2) for Process Mode option.

```
=>
-----DQD10
DATAQUERY:  EDITOR
-----
NAME:        DQEXER-1              TYPE: QUERY   STATUS: PRIVATE
DESCRIPTION:  SAMPLE LIST QUERY
      .....1.....2.....3.....4.....5.....6.....7.....
.. ===== T O P =====
01 FIND ALL EPR-T
02     WITH SCOMPT EQ 'R' AND RECSTA = 'G'
03     SSN EQ '111111111'
04 SORT BY PAYGRA NAME
05 PRINT NAME SSN DOB PAYGRA PMOSEN DEROS SEX MARST CTLANG ARLOCH BASD
.. ===== B O T T O M =====
-----
<PF1> HELP      <PF2> RETURN      <PF3> EXECUTE      <PF4> SAVE
<PF5> DIALOG DEF <PF6> DELETE      <PF7> BACKWARD     <PF8> FORWARD
<PF9> UPDATE    <PF10> VALIDATE   <PF11> RIGHT/LEFT <PF12> CREATE MODE
```

Notice the PF keys now have different functions.

Press **F4** to SAVE query, then press **F3** to execute query

```

=>
  Enter the desired options and press PF3 to execute
-----DQE10
DATAQUERY:  ONLINE EXECUTION
-----
EXECUTE QUERY NAMED => ACTIVE-QUERY

EXECUTE STEP                                The first query step to execute
  X SELECTION                                - Read and collect the data
  _ COMPUTATION                              - Perform the user defined calculations
  _ SORTING                                  - Order the collected data
  _ REPORTING                                 - Produce the report

REPORT FORMAT                                The report format
  X COLUMNAR                                 - Show the data arranged one row per line
  _ LIST                                     - Show the data arranged one row per page

REPORT DESTINATION                           The destination for the report
  X VIDEO TERMINAL                           - Produce the report on the terminal
  _ NETWORK PRINTER _____              - Produce the report on a network printer
  _ SYSTEM PRINTER                           - Produce the report on the system printer
-----
<PF1> HELP          <PF2> RETURN          <PF3> EXECUTE      <PF4> TOTALING OPTIONS
  
```

The On-line execution screen appears to customize query execution. This will be most frequently used to access an Active Found Set, which is discussed later in the manual.

Press **F3** again to continue the query execution.

```

=>
07/06/2005                                     PAGE      28A
12:33:29                                     DETAIL

NAME                SSN            DOB            PAYGRA  PMOSEN  DEROS
-----
DARLING DANIEL GARY  111621188  19650901  E08     96B
FAUNTLEROY KEVIN    111563416  19680514  E08     92A
FLORES JOSE ANTONIO 111540398  19631227  E08     14Z
GANAWAY BERTA       111589142  19611121  E08     91S     20050622
PERRY PAULINE IRIS  111668780  19570627  E08     42A
WALKER BRADLEY KEITH 111520452  19571025  E08     31U
WILLIAMS DAMON LAMONT 111668892  19670701  E08     91G
WILLIAMS GUY LEE    111601589  19660210  E08     11Z
TORO HERMAN         111522624  19590214  E09     42A
-----
                                LAST PAGE ----- =>
<PF1>  HELP          <PF2>  RETURN      <PF3>  TOTALS ONLY  <PF4>  DETAIL
<PF5>  NO TOTALS    <PF6>  STATS       <PF7>  BACKWARD     <PF8>  FORWARD
<PF9>  GRAPH        <PF10> SEND        <PF11> LEFT       <PF12> RIGHT
  
```

The query has executed and the output is displayed on the screen. Notice query result is larger than 80 columns. To have query result displayed in 80 columns. Rather than scrolling left or right to view the result, type **WRAP ON** and then press the **ENTER** key.

```

=>
07/06/2005                                PAGE      1
12:33:29                                DETAIL
-----
NAME                SSN          DOB          PAYGRA  PMOSEN  DEROS
SEX  MARST  CTLANG  ARLOCH  BASD
-----
BACENET JAMES PETER      111685226  19840803  E01     13M
M    M
      20040107
CHARLES JOSIAS GRANT     111708906  19850610  E01     15N
M    S
      20031119
CHIENDA MICHAEL DANIEL   111689064  19840824  E01     45D
M    S
      20031230
-----
                                MORE ....
<PF1>  HELP                <PF2>  RETURN              <PF3>  TOTALS ONLY          <PF4>  DETAIL
<PF5>  NO TOTALS           <PF6>  STATS                <PF7>  BACKWARD              <PF8>  FORWARD
<PF9>  GRAPH               <PF10> SEND              <PF11> LEFT              <PF12> RIGHT

```

Now the entire query result is wrapped around on the 80-column screen.

Type **NOWRAP** to turn the wrap function off.

```

=> NOWRAP
07/06/2005                                PAGE      28A
12:33:29                                DETAIL
-----
NAME                SSN          DOB          PAYGRA  PMOSEN  DEROS
-----
DARLING DANIEL GARY      111621188  19650901  E08     96B
FAUNTLEROY KEVIN        111563416  19680514  E08     92A
FLORES JOSE ANTONIO     111540398  19631227  E08     14Z
GANAWAY BERTA           111589142  19611121  E08     91S     20050622
PERRY PAULINE IRIS      111668780  19570627  E08     42A
WALKER BRADLEY KEITH    111520452  19571025  E08     31U
WILLIAMS DAMON LAMONT   111668892  19670701  E08     91G
WILLIAMS GUY LEE        111601589  19660210  E08     11Z
TORO HERMAN             111522624  19590214  E09     42A
-----
                                LAST PAGE ----- =>

```

Notice the difference? The query result has returned to the original display that is larger than 80 columns.

Active Found Set

The Active Found Set is a collection of internal data base pointers to the data base information found by the last executed Query during the current DATAQUERY session. The Active Found Set can be reused during a query session, by selecting the correct option on the intermediate execution panel.

Reusing an Active Found Set (where possible) minimizes the resources required to re-execute the query, since the selection (FIND) has already been accomplished.

```

=>
  Enter the desired options and press PF3 to execute
-----DQE10
DATAQUERY:  ONLINE EXECUTION
-----
EXECUTE QUERY NAMED => ACTIVE-QUERY

EXECUTE STEP                                The first query step to execute
  _ SELECTION                               - Read and collect the data
  _ COMPUTATION                             - Perform the user defined calculations
  _ SORTING                                  - Order the collected data
  X REPORTING                               - Produce the report

REPORT FORMAT                                The report format
  X COLUMNAR                               - Show the data arranged one row per line
  _ LIST                                    - Show the data arranged one row per page

REPORT DESTINATION                           The destination for the report
  X VIDEO TERMINAL                         - Produce the report on the terminal
  _ NETWORK PRINTER _____             - Produce the report on a network printer
  _ SYSTEM PRINTER                         - Produce the report on the system printer

-----
<PF1> HELP          <PF2> RETURN          <PF3> EXECUTE          <PF4> TOTALING OPTION
  
```

Press **F2** - Online execution screen appears

Press **F2** - Original query appears

Edit the print time by removing all fields following DEROS.

Press **F3** - Execute

DataQuery will remove the 'X' at the 'Execute Step and place an 'X' next to 'Reporting'. Since the query was changed in the 'reporting' area following the **PRINT** statement we did not have to re-select the individuals. We only modified our report about the current selected set.

Press **F3** - Execute

The modified report will be displayed.

DQ COUNTING OPTIONS

There are two options available within DATAQUERY, which provide the ability to obtain specified population counts without viewing the associated detail. These options vary somewhat in appearance and use, and the choice is up to the individual user. There is no particular performance advantage associated with either option.

The first option is based on the use of the WHEN.. DO command and CNT function within the PRINT statement.

Create the query, then **Validate (F10)**, **Save (F4)** and **Execute (F3)** the query.

```
=>
-----DQD10
DATAQUERY:  EDITOR
-----
NAME:          COUNT-METHOD-1          TYPE: QUERY   STATUS: PRIVATE
DESCRIPTION:   COUNT FOR GRADE WITHIN SERV COMPT
.....1.....2.....3.....4.....5.....6.....7.....
.. ===== T O P =====
01 FIND 100 EPR-T
02     WITH SCOMPT = 'R' AND RECSTA EQ 'G'
03 SORT BY (SCOMPT) (PAYGRA)
04 PRINT TITLE 'COUNT BY PAYGRA WITHIN SCOMPT'
05 WHEN PAYGRA BREAKS DO 'COUNT FOR GRADE &&' CNT PAYGRA
06 WHEN SCOMPT BREAKS DO 'COUNT FOR SCOMPT &&' CNT SCOMPT
.. ===== B O T T O M =====
-----
<PF1>  HELP          <PF2>  RETURN        <PF3>  EXECUTE        <PF4>  SAVE
<PF5>  DIALOG DEF    <PF6>  DELETE         <PF7>  BACKWARD        <PF8>  FORWARD
<PF9>  UPDATE        <PF10> VALIDATE     <PF11> RIGHT/LEFT   <PF12> CREATE MODE
```

```
=>
07/06/2005          COUNT BY PAYGRA WITHIN SCOMPT          PAGE    1
12:40:03                                     DETAIL

COUNT FOR GRADE E02          2
COUNT FOR GRADE E03          3
COUNT FOR GRADE E04         17
COUNT FOR GRADE E05         18
COUNT FOR GRADE E06         21
COUNT FOR GRADE E07         23
COUNT FOR GRADE E08         13

----- MORE -----
<PF1>  HELP          <PF2>  RETURN        <PF3>  TOTALS ONLY    <PF4>  DETAIL
<PF5>  NO TOTALS    <PF6>  STATS         <PF7>  BACKWARD        <PF8>  FORWARD
<PF9>  GRAPH        <PF10> SEND         <PF11> LEFT        <PF12> RIGHT
```

The second counting option is based on the introduction of a SET statement and the use of the TOTALS ONLY feature. The SET statement creates a temporary field that will be used as an accumulator to provide the desired totals.

Create the query, then **Validate (F10)**, **Save (F4)** and **Execute (F3)** the query.

```

-----DQD10
DATAQUERY:  EDITOR
-----
NAME:          COUNT-METHOD-2          TYPE: QUERY   STATUS: PRIVATE
DESCRIPTION:   COUNT FOR PAYGRA WITHIN SCOMPT
  ....+....1....+....2....+....3....+....4....+....5....+....6....+....7....+
.. ===== T O P =====
01 FIND 100 EPR-T
02     WITH SCOMPT = 'R' AND RECSTA = 'G'
03 SET COUNT(6.0) = 1
04 SORT BY (SCOMPT) (PAYGRA)
05 PRINT TITLE 'COUNT BY PAYGRA WITHIN SCOMPT'
06     SCOMPT PAYGRA (COUNT) PIC 'ZZZ,ZZ9-'
07 */ THIS QUERY SHOULD BE EXECUTED TOTALS ONLY**
.. ===== B O T T O M =====

-----
<PF1>  HELP          <PF2>  RETURN          <PF3>  EXECUTE          <PF4>  SAVE
<PF5>  DIALOG DEF    <PF6>  DELETE           <PF7>  BACKWARD          <PF8>  FORWARD
<PF9>  UPDATE        <PF10> VALIDATE       <PF11> RIGHT/LEFT     <PF12> CREATE MODE

```

Use **PF3** to EXECUTE the query, but stop on the On-line execution panel:

```

=>
Enter the desired options and press PF3 to execute
-----DQE10
DATAQUERY:  ONLINE EXECUTION
-----
EXECUTE QUERY NAMED => ACTIVE-QUERY

EXECUTE STEP          The first query step to execute
X SELECTION           - Read and collect the data
_ COMPUTATION         - Perform the user defined calculations
_ SORTING             - Order the collected data
_ REPORTING           - Produce the report

REPORT FORMAT         The report format
_ COLUMNAR            - Show the data arranged one row per line
_ LIST                - Show the data arranged one row per page

REPORT DESTINATION    The destination for the report
X VIDEO TERMINAL      - Produce the report on the terminal
_ NETWORK PRINTER ____ - Produce the report on a network printer
_ SYSTEM PRINTER      - Produce the report on the system printer

-----
<PF1>  HELP          <PF2>  RETURN          <PF3>  EXECUTE          <PF4>  TOTALING OPTIONS

```

The PF4 key is now used to obtain the Totaling Options panel, where the **TOTALS ONLY** option should be selected.

```
=>
Enter the desired options and press the appropriate PFkey
-----DQE00
DATAQUERY:  TOTALING OPTIONS
-----

QUERY NAME =>  ACTIVE-QUERY

TOTALING OPTIONS

  _  DETAIL and TOTALS          - Produce report with detail and totals
  _  DETAIL ONLY                - Suppress any requested totaling
  X  TOTALS ONLY                - Produce the report with totals only
  _  TOTALS BY NAME            - Only use the entered control-break name

  _  WHEN/DO RESULTS ONLY      - Suppress all except when/do results
  _  NO DETAIL                 - Suppress detail lines on report

-----
<PF1> HELP          <PF2> RETURN      <PF3> EXECUTE
```

Place an “X” by the **TOTALS ONLY** Option by using the TAB key.

The **PF3** key is then used to initiate the search operation and resultant query output display.

```
=>

07/06/2005          COUNT BY PAYGRA WITHIN SCOMPT          PAGE      1
12:50:23                                     TOTALS-ONLY

SCOMPT  PAYGRA      COUNT
-----  -
G      E01          1
G      E02          2
G      E03          1
G      E04          9
G      E05         13
G      E06         13
G      E07          3
G      E08          3
G              45
R      01           1
R      E01          1
R      E02          3
R      E04          5

-----  MORE  ....  -----
<PF1> HELP          <PF2> RETURN      <PF3> TOTALS ONLY  <PF4> DETAIL
<PF5> NO TOTALS    <PF6> STATS        <PF7> BACKWARD    <PF8> FORWARD
<PF9> GRAPH        <PF10> SEND        <PF11> LEFT       <PF12> RIGHT
```

The display panel shows there is MORE... data to view.

Press **F8-FORWARD** to view the next screen.

```

=>
07/06/2005          COUNT BY PAYGRA WITHIN SCOMPT          PAGE      2
12:50:23                                     TOTALS-ONLY

  SCOMPT  PAYGRA      COUNT
  -----  -----  -----
R         E05          6
R         E06          7
R         E07          9
R         E08          4
R         E09          2
R                                     38
V         E05          2
V         E06          4
V         E07          6
V         E08          4
V         E09          1
V                                     17
* GRAND TOTAL
  100

----- LAST PAGE-----
<PF1>  HELP          <PF2>  RETURN      <PF3>  TOTALS ONLY  <PF4>  DETAIL
<PF5>  NO TOTALS    <PF6>  STATS        <PF7>  BACKWARD    <PF8>  FORWARD
<PF9>  GRAPH        <PF10> SEND        <PF11> LEFT      <PF12> RIGHT
    
```

LAST PAGE will identify the end of the output report.

Press **F4** to view the DETAIL level of your report.

Type **EDIT *** at the command line to return to the active query. Press the **ENTER** key.

Insert a new line between the PRINT and WHEN/DO statements containing the EPR-T columns PAYGRA NAME DOB DOR.

Validate the query.

Press **F3** twice to Execute the query.

Once the data is displayed...

Press **F3** and **F4** to toggle between the detail and totals only display. This will give you the capability to have the best of both worlds.

If all you need is a count of something, using a COUNT statement is much faster than FIND, since no rows are returned. DQ simply executes the query and displays a message about the number of rows found.

A simple query with a **COUNT** statement follows:

```
=>
DQ495I - REQUESTED MEMBER WAS UPDATED
-----DQD10
DATAQUERY:  EDITOR
-----
NAME:          COUNT-METHOD-3          TYPE: QUERY   STATUS: PRIVATE
DESCRIPTION:   SERV COMPT WITHIN PMOS
  ....+....1....+....2....+....3....+....4....+....5....+....6....+....7....+
.. ===== T O P =====
01 COUNT ALL EPR-T
02     WITH SCOMPT = 'R' AND
03     RECSTA = 'G' AND
04     PMOSEN = '42A'
.. ===== B O T T O M =====

-----
<PF1>  HELP      <PF2>  RETURN    <PF3>  EXECUTE    <PF4>  SAVE
<PF5>  DIALOG DEF <PF6>  DELETE     <PF7>  BACKWARD    <PF8>  FORWARD
<PF9>  UPDATE    <PF10> VALIDATE  <PF11> RIGHT/LEFT <PF12> CREATE MODE
```

This query is requesting a count of all active, regular army personnel with a PMOSEN value of '42A'. A message will be returned indicating the number of rows found, as shown below.

```
=>
DQ479I - ROWS COUNTED: 000002038
DQ357I - YOUR QUERY EXECUTED SUCCESSFULLY
DATAQUERY:  ONLINE EXECUTION
-----
EXECUTE QUERY NAMED => ACTIVE-QUERY

EXECUTE STEP                               The first query step to execute
X SELECTION                                - Read and collect the data
_ COMPUTATION                              - Perform the user defined calculations
_ SORTING                                  - Order the collected data
_ REPORTING                                - Produce the report

REPORT FORMAT                               The report format
_ COLUMNAR                                 - Show the data arranged one row per line
_ LIST                                     - Show the data arranged one row per page

REPORT DESTINATION                          The destination for the report
X VIDEO TERMINAL                           - Produce the report on the terminal
_ NETWORK PRINTER _____                - Produce the report on a network printer
_ SYSTEM PRINTER                            - Produce the report on the system printer

-----
<PF1>  HELP      <PF2>  RETURN    <PF3>  EXECUTE    <PF4>  TOTALING OPTIONS
```

Only the "ROWS COUNTED" message will be displayed. You will not receive a report display.

Column Name Definitions

We will frequently encounter cryptic acronyms as column names. Column name definitions are available on in the CREATE processing mode. The definition for each column is associated within the table that each column is located. Let's step through the process to find the definition of "UIC".

Type **CREATE** and press the **ENTER** key at the command line (=>).

The Creation panel will appear for use.

Using the **TAB** key, place the cursor in the body area of the screen. This area is located between the **TOP** and **BOTTOM** of the display.

```
=>
CREATION PANEL
-----DQD10
DATAQUERY:  EDITOR          CURRENT TABLE:  _____
-----
NAME:      _____          TYPE:  QUERY   STATUS:  PRIVATE
DESCRIPTION:  _____
.....+.....1.....+.....2.....+.....3.....+.....4.....+.....5.....+.....6.....+.....7.....+
..  ===== T O P =====
..
..
..
..
..
..
..
..
===== B O T T O M =====
-----
<PF1> HELP      <PF2> RETURN      <PF3> DISPLAY COLUMNS <PF4> DISPLAY KEYS
<PF5> DISPLAY ALL <PF6> LIST TABLES <PF7> BACKWARD      <PF8> FORWARD
<PF9> TEMPLATE  <PF10> VALIDATE <PF11> RIGHT/LEFT  <PF12> PROCESS MODE
```

Press **PF6** to LIST TABLES. The Table List is displayed.

```
=>
Place the cursor on the desired name and press the appropriate PFkey
-----DQAF0
DATAQUERY:  DIRECTORY OF TABLES          DATADITIONARY BASE ID: 00002
          START WITH:  _____
-----
TABLE NAME          |STATUS|          DESCRIPTION
-----
ACCTS                | O     |          ORDER ENTRY DEMO ACCTS FILE
ADA-T                | O     |
ADB-T                | O     |
ADC-T                | O     |
ADD-T                | O     |
ADF-T                | O     |
ADJ-T                | O     |
ADL-T                | O     |
ADM-T                | O     |
ADP-T                | O     |
ADR-ACT-A00          | C     |          ADR SAMPLE ACCOUNTING RECORD A00
ADR-ACT-A01          | C     |          ADR SAMPLE ACCOUNTING RECORD A01
ADR-ACT-A02          | C     |
-----
<PF1> HELP      <PF2> RETURN      <PF3> DISPLAY COLUMNS <PF4> DISPLAY KEYS
```

Using the TAB key, place the cursor at the Table name containing the column desired for display. We Will TAB to AO1-T. Press PF3.

All columns in the AO1-T Table will be displayed. (The PF7/PF8 is page-scrolling keys)

```
=>
Place the cursor on the desired name and press the appropriate PFkey.
-----DQB20
DATAQUERY:  COLUMN DISPLAY                DICTIONARY DATABASE ID: 00002
-----
TABLE NAME: AO1-T                        DB NAME: AOI  DB ID: 00660
-----
      COLUMN NAME                |                DESCRIPTION
-----|-----
      UIC                        | UIC          (CHAIN)
      SVCDSG                     | SVC-DSG
      UPC                         | UPC          (CHAIN)
      PUD                        | PRNT-ORG-DSG
      DD                         | DSCRTV-DSG
      DTSURS                     | DATE-UNIT-REC-START
      DTEURS                     | DATE-UNIT-REC-END
      DML                        | DIST-MGT-LVL
      DMSL                       | DIST-MGT-SUB-LVL
      UNTCA                      | UNIT-COMD-ASG
      PPA                        | PPA
      ARALOC                     | ARMY-AREA-LOC
-----
<PF1> HELP          <PF2> RETURN    <PF3> NOT USED     <PF4> DISPLAY KEYS
<PF5> EXTENDED DEFN <PF6> TEXT      <PF7> BACKWARD    <PF8> FORWARD
```

Using the TAB key to place the cursor next to UIC. Press PF6.

The definition of the column entitled UIC” will be displayed.

```
=>
Use PF7/PF8 to scroll the text if there are multiple pages, use PF2 to return
-----DQB40
DATAQUERY:  TEXT DISPLAY
-----
COLUMN: UIC
TABLE: AOI-T
-----
ALTERNATE HEADING:                PICTURE:
-----

A MEANS TO DISTINGUISH AN ORGANIZATION WITHIN THE ARMED FORCES OF THE
UNITED STATES BY SPECIFYING THE PARTICULAR COMPONENT, THE STRUCTURAL
ENTITY WITHIN THAT COMPONENT, AND, WHERE APPROPRIATE, AN ADDITIONAL
SUBDIVISIONAL DEFINITION.

- LAST PAGE -----
<PF1> HELP          <PF2> RETURN    <PF3> NOT USED     <PF4> NOT USED
```

Press **PF2** to RETURN to the previous screen.

-OR-

At the command line, Type **MENU**.

Press the **ENTER** key.

The DataQuery Main Menu will be displayed.

NOTE: Pressing PF2 will back up one screen at time for each level entered until the Main Menu is displayed.

Creating A More Advanced Query

```

=>
-----DQZ60
DATAQUERY:  MAIN MENU - DQL MODE

ENTER THE NUMBER OF THE DESIRED FUNCTION ====>  _

1.  DIRECTORIES      - Lists of Queries, Terms, Tables, and Saved Sets
2.  CREATE           - Query, Dialog or Term creation
3.  GUIDE            - Structured query creation
4.  ADMINISTRATION  - DATAQUERY system management
5.  HELP             - Display Help Information
6.  OFF              - DATAQUERY session termination
    
```

Type **2** to select the create function and press the **ENTER** key.

```

=>
-----DQD10
DATAQUERY:  EDITOR          CURRENT TABLE: _____
-----
NAME:        DQEXER-2          TYPE: QUERY   STATUS: PRIVATE
DESCRIPTION:  SAMPLE LIST PROGRAM WITH TOTALS AND SUBTOTALS
.....1.....2.....3.....4.....5.....6.....7.....+
.. ===== T O P =====
01 FIND 50 EPR-T
02     WITH SCOMPT EQ 'R' AND RECSTA = 'G'  */DEFAULT BETWEEN FIELDS IS AND/*
03     PCMF EQ '63'
04     PAYGRA EQ 'E08' 'E09'                */DEFAULT BETWEEN VALUES IS OR /*
05     ((DEROS EQ '20060101' THRU '20060331') OR
06     (DEROS EQ '20060801' THRU '20061231'))
07 SORT (PMOSEN) DEROS
08 PRINT TITLE1 'ROSTER BY MOS AND DEROS'
09     NAME PMOSEN SSN DEROS PAYGRA PDOR MEL PCMF
10 WHEN PMOSEN BREAKS DO CNT PMOSEN
.. ===== B O T T O M =====
-----
<PF1> HELP      <PF2> RETURN    <PF3> DISPLAY COLUMNS <PF4> DISPLAY KEYS
<PF5> DISPLAY ALL <PF6> LIST TABLES <PF7> BACKWARD    <PF8> FORWARD
<PF9> TEMPLATE  <PF10> VALIDATE  <PF11> RIGHT/LEFT   <PF12> PROCESS MODE
    
```

Type the query above, then **Validate**, **Save** and **Execute** the query. Remember you need to select **PROCESS MODE**, press F12 (Shift/F2) to get the Save and Execute options.

BREAKING THE QUERY INTO SECTIONS

IDENTIFYING THE DATA.

This query **FIND** 50 individual in the primary personnel table, EPR-T.

We want to identify those **WITH** a are located in the Primary Career Management Field (PCMD) 63 -Mechanical Maintenance.

We stipulate that only those individuals that we want listed must have a pay grade of E8 or E9.

Additionally, we are stipulating that we only want to see those who have a Date of Estimated Return from Overseas, DEROS that falls outside of the peak transition months for 2006. The parentheses are used to contain the selection as EITHER/OR condition that will act. Also the parentheses utilize the same execution priority sequence as typical algebraic formulas.

ARRANGING THE DATA

The data that that has been collected is arranged in the **SORT** statement from left to right. The information will be grouped by PMOSEN, within that it will be grouped by DEROS. Parentheses used in the SORT statement to establish a 'control field'. This will allow us to group collected data and provide totaling information in the print area of a query.

PRESENTING THE DATA

Now that the query data has been identified and arranged it is time to present the data in a report. This is done with the use of the **PRINT** statement. Everything following the word PRINT will be used to format your report.

Two title lines can be used as headings for the report. This report uses only one of these, TITLE1. The heading is typed within single quotation marks.

Data to be listed in your report will be listed from left to right and presented in the sequence on the report.

Group totals are allowed in the **WHEN/DO** clause that recognized that PMOSEN is a control field and present a count whenever the Primary Military Occupational Specialty changes.

The **WHEN FINISHED** statement will provide a count for the total number of record collected and presented.

Relating To A FILE/TABLE

The DATAQUERY RELATED BY clause allows you to logically combine, or join, information from related files. DATAQUERY supports the traditional "equi-join," which means that files will be joined only when there is equality in the values of the files' common field. A maximum of **17** files can be related in this way.

Joining, or relating, files is a way to temporarily combine information from two or more files into a single "file." You can then use this combined information to build a report that satisfies your needs.

When you specify a relationship, the FIND statement will gather information from all related files. The key, or common field, specified in the RELATED clause is the link between the data base files.

There are different ways to express the relationship of the files in the DATAQUERY Language, and there are different types of relationships that exist between files.

The two types of relationship expressions that can be used to describe the relationship between two files in the Query Command Language are termed Basic Expression and Complex Expression.

A Basic Expression relates the two files through a common key. For two files to share a common key, the key in each file must have the same structure, including name, length, type of field (numeric or character), and so on.

A Complex Expression relates two files through a field, key, or value from one file to a field or key from the other file. The only requirement for your choices is that the common fields are the same type and have the same length.

When more than two files are related, the relationship between files may be one of two types: chained or repeating.

In a chained relationship, several files are related to each other in a series. The first file is related to the second, the second to the third, the third to the fourth, etc. Just like a chain, each file is linked with another based on the values in a common field or key. However, the same field or key is not required to be used to join all the files.

In a repeating relationship, the first file is repeatedly joined, or related, to each succeeding file. Each file is linked with the first file based on the value in a common field or key. However, the same key or field is not required to be used to link the first file with all the others.

Type the query below, then **Validate**, **Save** and **Execute** the query. Remember after Validate you need to select **PROCESS MODE**, press F12 (Shift/F2) to get the save and execute options.

```

=>
-----DQD10
DATAQUERY:  EDITOR          CURRENT TABLE:  _____
-----
NAME:          LANG-RU-ALPHA          TYPE: QUERY  STATUS: PRIVATE
DESCRIPTION:   98G-RUSSIAN SPEAKERS
  . . . . .1. . . . .2. . . . .3. . . . .4. . . . .5. . . . .6. . . . .7. . . . .
.. ===== T O P =====
01 FIND 50 EPR-T
02     WITH SCOMPT EQ 'R' AND
03     RECSTA EQ 'G' AND
04     PMOSEN EQ '98G'
05 RELATED BY SSN VIS SSN TO FIRST EPL-T
06     WITH RECSTA = 'G' AND LANG = 'RU'
07 SORT BY EPR-T NAME
08 PRINT TITLE1 'ALPHA ROSTER FOR 98G'
09     TITLE2 'RUSSIAN LANGUAGE SPEAKERS'
10     EPR-T NAME SSN PMOSEN PAYGRA EPL-T LANG
.. ===== B O T T O M =====
-----
<PF1> HELP      <PF2> RETURN      <PF3> DISPLAY COLUMNS <PF4> DISPLAY KEYS
<PF5> DISPLAY ALL <PF6> LIST TABLES <PF7> BACKWARD      <PF8> FORWARD
<PF9> TEMPLATE  <PF10> VALIDATE  <PF11> RIGHT/LEFT   <PF12> PROCESS MODE
  
```

This query identifies the first 50 individuals who have a Primary Military Occupational Specialty, PMOSEN, of 98G and also have a Russian language capability code. A RELATED BY statement was issued to join the information found in the EPR-T personnel table to the EPL-T language table. While there are many 98G's in the Army once the relate statement specifies that only those with a language code of 'RU' was to be retrieved DataQuery effectively omitted those that did not have this code.

The RECSTA code should be checked with every table relate statement to ensure the data retrieval is accurate. RECSTA = 'G' indicates that the individuals found is assigned to an active component.

A table must be referenced by use of a RELATE statement in order to print/display data from contained in that table. This must be done even if no data has been specified for retrieval.

DataQuery statements are written on a last table-referenced basis. This is illustrated in the sort statement. Had this been written omitting "EPR-T" an error would occur. The NAME is not located in the last table referenced which was the EPL-T in the RELATE statement. Validating (F10) the query will produce an error message stating that DataQuery does not recognize the table name or column name.

DataQuery has an internal optimizer that will attempt to select the quickest and most efficient route to take in retrieving the data. Even though the EPR-T table was referenced first the smaller EPL-T may actually be the first read table. You may want to structure your query to find the smaller data table columns first. This will reduce your overall run-time.

```

=>
-----DQD10
DATAQUERY:  EDITOR          CURRENT TABLE:  _____
-----
NAME:          LANG-RU-ALPHA          TYPE: QUERY  STATUS: PRIVATE
DESCRIPTION:   98G-RUSSIAN SPEAKERS
  ....+....1....+....2....+....3....+....4....+....5....+....6....+....7....+
.. ===== T O P =====
01 FIND 50 EPL-T
02   WITH LANG = 'RU' RECSTA = 'G'
03 RELATED BY SSN VIS SSN TO EPR-T
04   WITH RECSTA = 'G' AND SCOMPT = 'R'
05   PMOSEN = '98G'
06 SORT BY EPR-T NAME
07 PRINT TITLE1 'ALPHA ROSTER FOR 98G'
08   TITLE2 'RUSSIAN LANGUAGE SPEAKERS'
09   EPR-T NAME SSN PMOSEN PAYGRA EPL-T LANG
10 WHEN FINISHED DO CNT FROM EPR-T NAME
.. ===== B O T T O M =====
-----
<PF1> HELP      <PF2> RETURN    <PF3> DISPLAY COLUMNS <PF4> DISPLAY KEYS
<PF5> DISPLAY ALL <PF6> LIST TABLES <PF7> BACKWARD    <PF8> FORWARD
<PF9> TEMPLATE  <PF10> VALIDATE <PF11> RIGHT/LEFT <PF12> PROCESS MODE
  
```

Organization Database

The enlisted database contains many tables. So far we've become familiar with the primary personnel table, EPR-T, and the Language table, EPL-T. The organizational information about an individual is located in several tables. These tables are accessed by both the enlisted and officer queries. This joint access feature is new to DataQuery and will eventually lead to a single database containing combined personnel data. The primary organization tables are the AO1-T, AO2-T and AOF-T. These tables will provide unit-addressing information such as unit number, unit branch, unit description, UIC and UPD codes. See the appendices for table-to-column breakouts.

Other tables containing organizational information are: AOA-T, AOG-T, and the AOU-T, AOI-T and AOZ-T.

Since unit data is spread across various tables we must relate to each table that contains the data we desire. In obtaining a unit address information the three tables we must look at are the A01-T, the A02-T and the AOF-T. Each table will be joined by a RELATE statement which identifies the common column/field between the tables.

Let's enhance the previous query to determine where these Russian-speaking 98G's are located.

```

=>

-----DQD10
DATAQUERY:  EDITOR          CURRENT TABLE:  _____
-----
NAME:          LANG-RU-LOCAT          TYPE: QUERY   STATUS: PRIVATE
DESCRIPTION:   98-RUSSIAN SPEAKERS
  . . . . .1. . . . .2. . . . .3. . . . .4. . . . .5. . . . .6. . . . .7. . . . .
.. ===== T O P =====
01 FIND 50 EPR-T
02   WITH SCOMPT = 'R' AND RECSTA EQ 'G' AND PMOSEN EQ '98G'
03 RELATED BY SSN VIA SSN TO FIRST EPL-T
04   WITH RECSTA = 'G' AND LANG = 'RU'
05 AND EPR-T RELATED BY CURUIC VIA UIC TO FIRST A01-T WITH UNRSCD = 'C'
06 AND A01-T RELATED BY UIC TO FIRST A02-T WITH ULOCCD = 'H'
07 AND A01-T RELATED BY CURLCD VIA GELOC TO AOF-T
08 SORT BY AOF-T GELOC EPR-T NAME
09 PRINT TITLE1 'ALPHA ROSTER-98G'
10   TITLE2 'RUSSIAN LANGUAGE SPEAKERS'
11 EPR-T NAME SSN PMOSEN PAYGRA DEROS 'DT EST RETURN/FROM OVERSEAS'
12 EPL-T LANG
13 A01-T DESIGT UDESC USARS QUNO UNITBR
14 AOF-T LOCNM STLOCU CYLU
15 A02-T UADZIP UGPNM
16 WHEN FINISHED DO CNT FROM EPR-T NAME
.. ===== B O T T O M =====

-----
<PF1> HELP          <PF2> RETURN          <PF3> DISPLAY COLUMNS <PF4> DISPLAY KEYS
<PF5> DISPLAY ALL  <PF6> LIST TABLES <PF7> BACKWARD          <PF8> FORWARD
<PF9> TEMPLATE     <PF10> VALIDATE     <PF11> RIGHT/LEFT       <PF12> PROCESS MODE

```

Modify the Russian language query. **VALIDATE**, Change the name, **SAVE** and **EXECUTE**. Review the output.

The query contains new several RELATE statements. The relationship identifies the tables and the columns necessary to join them.

Line #05 joins the EPR-T and AO1-T tables by using the CURUIC column of the EPR-T and the UIC column of the AO1-T. A WITH statement specifies that only the Unit Record Status Code check be performed to obtain Current unit records. (UNRSCD = 'C') Planning and Historical data is also available in this table.

Line #06 joins the AO1-T to the AO2-T table. Since the column name being joined is the same in both tables the use of VIA is not required. The AO2-T checks the Unit Location Code for the value of 'H'. ULOCCD = 'H' identifies the Home location. Two other values are on the database for this field but are used for internal processes. "H" must be specified to ensure you have not identified an erroneous column.

Line #07 identifies that you want to establish a relationship between the previously identified table AO1-T and the table AOF-T. The column establishing the link in the AO1-T is the CURLOC and the column name for the AOF-T is GELOC. The values that are the same from the previously selected data will be matched. A WITH statement was not included because no additional data had to be retrieved from this table. Relating to this table however was required since we need to print data that is contained in the AOF T.

Line #08 sorts the collected information from left to right. The table name precedes the column name for each column to be sorted. The information we want, Location of Russian Speaking 98G's, may be easier to work with is we sort by Geographical Location then by Name. If only an alpha roster is needed the GELOC can be omitted from this line but not from the query since we will use the table during printing.

Lines #09-16 make up the output presentation of the report. The Print Title areas allow for the maximum number of two heading lines to appear. The data is then presented in the order that it is listed from left to right and to bottom. Line #11 has renamed the DEROS header by placing a new header immediately following the column name within single quotes. The slash (/) splits the new header to be printed on two lines. This split can be done only once per column.

Use of "FIRST"

The use of FIRST in a relationship should be used with discretion, but can result in performance benefits under certain conditions.

EXAMPLE:

```
FIND EPR-T WITH conditions
RELATED BY CURUIC VIA UIC TO FIRST AO1-T WITH UNRSCD EQ 'C'
PRINT.....
```

It is recommended that FIRST should never be used for optimization purposes unless you can prove, through the use of the STATS panel that its use will indeed result in reduced resource utilization. Indiscriminate use of the FIRST option unnecessarily reduces the optimization options available to the DQ internal optimizer.

We have noticed that the above RELATE statement works best when selecting only the UNRSCD = 'C'. When requesting addition information in the WITH statement the optimization is hindered and frequently result in longer run times and I/O events.

The following test Query was run using a join to AOE-T which included the UNRSCD check. The statistics that follow are the actual Run Statistics resulting from the Query.

Query Without FIRST:

```
FIND 100 EPR-T
WITH OTETS ED '19941201' THRU '19941231
AND SCOMPT EQ 'R'
AND RECSTA EQ '0'
AND PLVLSN EQ '04' THRU '05'
RELATED BY CURUIC VIA UIC TO A01-T
WITH UNRSCD EQ 'C'
PRINT FROM EPR-T NAME SSN PMOSEN PAYGRA DTETS CURUIC
A01-T DESC DESIOT PPA
```

OVERALL OPTIMIZATION SEARCH			
ELAPSED TIME(SECONDS):	403	1	402
I/O EVENTS:	14,910	17	14,893
SELFR TOTAL:	183	2	181
SELNR TOTAL:	278		278
TOTAL BYTES:	873		

Statistics

The following test Query was run using the UNRSCD check AND the FIRST condition. Listed below are the Run Statistics that were the result of the Query.

Query With First

```
FIND 100 EPR-T
WITH DTETS EQ '19941201' THRU '19941231'
AND SCOMPT EQ 'R'
AND RECSTA EQ '0'
AND PLVLSN EQ '04' THRU '05'
RELATED BY CURUIC VIA UIC TO FIRST AD1-T
WITH UNRSCD EQ 'C'
PRINT FROM EPR-T NAME SSN PMDSEN PAYGRA DTETS CURUIC
A01-T DESC DESICT PPA
```

Statistics

OVERALL OPTIMIZATION SEARCH			
ELAPSED TIME(SECONDS):	9	1	8
I/O EVENTS:	299	17	282
SELFR TOTAL:	132	2	130
SELNR TOTAL:	128		123
TOTAL BYTES:	860		

Query 1 Statistics

OVERALL OPTIMIZATION SEARCH			
ELAPSED TIME(SECONDS):	403	1	402
I/O EVENTS:	14,910	17	14,893
SELFR TOTAL:	183	2	181
SELNR TOTAL:	278		278
TOTAL BYTES:	873		

Query 2 Statistics

OVERALL OPTIMIZATION SEARCH			
ELAPSED TIME(SECONDS):	9	1	8
I/O EVENTS:	299	17	282
SELFR TOTAL:	132	2	130
SELNR TOTAL:	128		123
TOTAL BYTES:	860		

Notice the run-time and I/O events of both queries. Query-2 illustrates the significant improvement to overall performance by proper utilization of the FIRST command.

Sample - Incorrect/Poor Query Composition

```

NAME:          EP-PDB-OOR-E6                      TYPE: QUERY   STATUS: PRIVATE
DESCRIPTION:   SCREENING FOR RCTR NOMS
.....1.....2.....3.....4.....5.....6.....7.....
.. ===== T O P =====
01 FIND ALL EPR-T
02     WITH SCOMPT EQ 'R'
03         RECSTA EQ 'G'
04         CONIND EQ 'C'
05         PMOSEN EQ 'OOB' '63B'
06         PLVLSN EQ '06'
07         PDOR EQ '20060301'
08         CTSQUIE NE '4' 'X'
09         BASD GTE '20060301'
10         YMAEAT LTE '200603'
11         DROS LT '20060301'
12         CELC GTE 'C'
13         CELC NE 'Y'
14         CELC NE 'Z'
15         DEPNBR LTE '04'
16         PHPFAC LTE '132221'
17         CTZUSO LTE 'D'
18         MEL LTE 'V'
19         DOB GTE '19890301'
20         DOB LTE '19990301'
21         AEA NE 'A' 'B' 'S'
22 RELATED BY SSN VIA SSN TO EOJ-T
23         ASGTAS GTE '100'
24 RELATED BY SSN VIA SSN TO EPR-T
25 RELATED BY CURPUD VIA PUD TO FIRST A01-T
26 SORT BY EPR-T (PMOSEN) NAME
27 PRINT TITLE1 'SCREENING E6-S FOR OOR NOMINATIONS'
28 NAME SSN PMSKLE SEX CTSQIE DOB BASD
29 AEA YMAEAT DROS CELC MEL MARST DEPNBR PHPFAC CTZUSO PSC
30 FROM EOJ-T ASGTAS ASVTAS FROM A01-T MTOENM DESC QUNO
31 WHEN EPR-T PMOSEN BREAKS DO CNT PMOSEN DO PAGE BREAK
32 WHEN FINISHED DO CNT NAME
    
```

Why is this a poorly designed query?

- line # 22 Failed to check the record status code (RECSTA).
- line # 24 Related back to a previously read file. Never RELATE back.
- line # 25 Failed to check code UNRSCD in the AO1-T file for current data. UNRSCD = 'C'. This query reads and accepts the first occurrence of data regardless of the Unit Record Status Code. The data could be current, historical or planning data.
- line #25 The RELATE statement using CURPUD and PUD to join the files is syntactically correct. However, it is recommended to use a higher-level key field. CURUIC and UIC.

There are more problems with this query, but these are the key mistakes to note.

07/06/2005		SCREENING E6-S FOR OOR NOMINATIONS				PAGE	2A
NAME	SSN	PMSKLE	SEX	CTSQIE	DOB		
CZASTER MARK EDWARD	111111111	63B3	M	P	19640920		
GAY MICHAEL DAVID	222222222	63B3	M	O	19630824		
LEWIS RAY HENRY	333333333	63B3	M	O	19660813		
LOGSDON RONALD ALLEN	444444444	63B3	M	P	19630307		
MORRIS KENNETH JOH	555555555	63B3	M	H	19641005		
MORRIS KENNETH JOHN	555555555	63B3	M	H	19641005		
MORRIS KENNETH JOHN	555555555	63B3	M	H	19641005		
STULTS DAVID TAYLOR	666666666	63B3	M	O	19580202		
SWEET GREGORY WAYNE	777777777	63B3	M	H	19590425		
COUNT PMOSEN	9						
----- MORE -----							
<PF1> HELP	<PF2> RETURN	<PF3> TOTALS ONLY	<PF4> DETAIL				
<PF5> NO TOTALS	<PF6> STATS	<PF7> BACKWARD	<PF8> FORWARD				
<PF9> GRAPH	<PF10> SEND	<PF11> LEFT	<PF12> RIGHT				

Output errors occur that may go unnoticed in large volume producing queries. Notice that the PMOSEN count equals nine. However, Kenneth Lynn Morris was counted several times due to the query structure. This would not have been detected if the query were performing a “totals only” display, thus causing erroneous data counts.

```

NAME:          IC-PERDDB                      TYPE: QUERY   STATUS: PUBLIC
DESCRIPTION:   SCREENING FOR RCTR NOMS
.....1.....2.....3.....4.....5.....6.....7.....
.. ===== T O P =====
01 FIND ALL EPR-T
02     WITH SCOMPT EQ 'R'
03         RECSTA EQ 'G'
04         CONIND EQ 'C'
05         PMOSEN EQ 'OOB' '63B' AND
06         PLVLSN EQ '06' AND
07         PDOR EQ '20060301' AND
08         CTSQIE NE '4' 'X' AND
09         BASD GTE '20060301' AND
10         YMAEAT LTE '200603' AND
11         DROS LT '20060301' AND
12         CELC GTE 'C' THRU 'X' AND
13         DEPNBR LTE '04' AND
14         PHPFAC LTE '132221' AND
15         CTZUSO LTE 'D' AND
16         MEL LTE 'V' AND
17         DOB GTE '19890301' THRU '19990301' AND
18         AEA NE 'A' 'B' 'S'
19 RELATED BY SSN VIA SSN TO EQJ-T
20     WITH RECSTA EQ 'G' AND
21         ASGTAS GTE '100'
22         ASVTAS GTE '100'
23 AND EPR-T RELATED BY CURUIC VIA UIC TO FIRST A01-T
24     WITH UNRSCD = 'C'
25 SORT BY EPR-T (PMOSEN) NAME
26 PRINT TITLE1 'SCREENING E6-S FOR OOR NOMINATIONS'
27     NAME SSN PMSKLE SEX CTSQIE DOB BASD
28     AEA YMAEAT DROS CELC MEL MARST DEPNBR PHPFAC CTZUSO PSC
29     FROM EQJ-T ASGTAS ASVTAS
30     FROM A01-T MTOENM DESC QUNO
31 WHEN EPR-T PMOSEN BREAKS DO CNT PMOSEN DO PAGE BREAK
32 WHEN FINISHED DO CNT NAME
    
```

Sample- Correct/Proper Query Composition

07/06/2005		SCREENING E6-S FOR OOR NOMINATIONS				PAGE	2A
NAME	SSN	PMSKLE	SEX	CTSQIE	DOB		
CZASTER MARK EDWARD	111111111	63B3	M	P	19640920		
GAY MICHAEL DAVID	222222222	63B3	M	O	19630824		
LEWIS RAY HENRY	333333333	63B3	M	O	19660813		
LOGSDON RONALD ALLEN	444444444	63B3	M	P	19630307		
MORRIS KENNETH JOHN	555555555	63B3	M	H	19641005		
STULTS DAVID TAYLOR	666666666	63B3	M	O	19580202		
SWEET GREGORY WAYNE	777777777	63B3	M	H	19590425		
COUNT PMOSEN	7						
----- MORE -----							
<PF1> HELP	<PF2> RETURN	<PF3> TOTALS ONLY	<PF4> DETAIL				
<PF5> NO TOTALS	<PF6> STATS	<PF7> BACKWARD	<PF8> FORWARD				
<PF9> GRAPH	<PF10> SEND	<PF11> LEFT	<PF12> RIGHT				

TERM

A TERM is a Query type used to replace statements, clauses, and values. FIND, SET, SORT, PRINT and/or WHEN/DO statements may be used in a TERM. Once defined as such, a TERM can be reference by a QUERY or DIALOG and executed.

TERMs cannot be executed directly, only called in for use by a QUERY or DIALOG.

All TERMs are created in the private mode. In order to share the TERM in public mode, you must contact the DataQuery administrator and the administrator will convert the TERM to PUBLIC.

CREATING A TERM

To create a term from the => line type CREATE and press the Enter key.

A blank editor screen will appear. Then follow the directions shown below.

```

=>
CREATION PANEL
-----DQD10
DATAQUERY:  EDITOR          CURRENT TABLE: _____
-----
NAME:        CLASS-TERM_____      TYPE: TERM      STATUS: PRIVATE
DESCRIPTION:  TERM SAMPLE LIST PROGRAM_____
  ....+....1....+....2....+....3....+....4....+....5....+....6....+....7....+
..  ===== T O P =====
..  PRINT EPR-T NAME SSN RECSTA DOB PAYGRA PMOSEN DEROS SEX MARST CTLANG ARLOCH
..      BASD
..
..
..
..
..
===== B O T T O M =====
-----
<PF1> HELP      <PF2> RETURN      <PF3> DISPLAY COLUMNS <PF4> DISPLAY KEYS
<PF5> DISPLAY ALL <PF6> LIST TABLES <PF7> BACKWARD      <PF8> FORWARD
<PF9> TEMPLATE  <PF10> VALIDATE  <PF11> RIGHT/LEFT    <PF12> PROCESS MODE
    
```

Type the term above, and then SAVE. Remember you need to select PROCESS MODE, press F12 (Shift/F2) to get the SAVE option.

After saving the TERM, from the => line type **EDIT RANXX-1** and press the Enter key. The query will appear on the editor screen. Then follow the directions shown.

```

=>
CREATION PANEL
-----DQD10
DATAQUERY:  EDITOR          CURRENT TABLE:  _____
-----
NAME:        RANXX-2        TYPE: QUERY  STATUS: PRIVATE
DESCRIPTION:  SAMPLE LIST PROGRAM
  ....+....1....+....2....+....3....+....4....+....5....+....6....+....7....+
.. ===== T O P =====
.. FIND 1 EPR-T RECORDS
..   WITH SSN = '111111111'
.. CLASS-TERM
..
..
..
..
..
..
..
..
===== B O T T O M =====
-----
<PF1> HELP      <PF2> RETURN    <PF3> DISPLAY COLUMNS <PF4> DISPLAY KEYS
<PF5> DISPLAY ALL <PF6> LIST TABLES <PF7> BACKWARD      <PF8> FORWARD
<PF9> TEMPLATE   <PF10> VALIDATE <PF11> RIGHT/LEFT   <PF12> PROCESS MODE

```

Type the above changes to the query, changing the query name and replacing the print statement with the **TERM** name you just created. Then validate, save and execute the query.

Remember you need to select PROCESS MODE, press F12 (Shift/F2) to get the save, and execute options.

DataQuery will check the TERM as part of the query Validation process.

After executing, notice the term has printed the fields requested. These reflect the print statement that was established in the term CLASS-TERM.

Multiple Terms can be used by a query or dialog. However, care must be taken to ensure query structure integrity is maintained. For example, a query may not contain a print statement if the Term contains a print statement, DataQuery allows the word **PRINT** to be used only once per query. Other conditions also apply such a placement of commands; the SORT must follow all FIND or RELATE statements, or WHEN/DO conditions must follow the PRINT statement.

A TERM can only be saved as PRIVATE by the developer. In order to share a TERM in PUBLIC mode your TASO must contact the DataQuery administrator at DSN 221-8970.

The DataQuery administrator has the only authority to modify the status of a TERM.

ACCESSING ORGANIZATIONAL DATA USING RELATE AN) PRINT TERMS

Using Terms on a daily basis can make our lives much easier. Several Terms have been established and stored for PUBLIC access on the system that are designed to replace the RELATE and PRINT statements used to access the organizational data tables.

EP-UNIT-RELATED provides the capability to input all the RELATE commands needed to gain unit data from the AO1-T, AO2-T, and AOF-T tables.

```

=>

-----DQD10
DATAQUERY:  EDITOR
-----
NAME:          EP-UNIT-RELATED          TYPE: TERM    STATUS: PUBLIC
DESCRIPTION:   ORG RELATE STMT
  ....+....1....+....2....+....3....+....4....+....5....+....6....+....7....+
.. ===== T O P =====
01 AND EPR-T RELATED BY CURUIC VIA UIC TO FIRST AO1-T WITH UNRSCD = 'C'
02 AND AO1-T RELATED BY UIC TO FIRST AO2-T WITH ULOCCD EQ 'H'
03 AND AO1-T RELATED BY CURLCD VIA GELOC TO AOF-T
.. ===== B O T T O M =====

-----
<PF1>  HELP          <PF2>  RETURN          <PF3>  EXECUTE          <PF4>  SAVE
<PF5>  DIALOG DEF   <PF6>  DELETE           <PF7>  BACKWARD          <PF8>  FORWARD
<PF9>  UPDATE       <PF10> VALIDATE        <PF11> RIGHT/LEFT     <PF12> CREATE MODE

```

EP-UNIT-WW provides the tables and columns to be used in a following a PRINT statement for unit address information worldwide.

```

=>

-----DQD10
DATAQUERY:  EDITOR
-----
NAME:          EP-UNIT-WW              TYPE: TERM    STATUS: PUBLIC
DESCRIPTION:   PRINT ADDRESS INFO FOR UNITS
  ....+....1....+....2....+....3....+....4....+....5....+....6....+....7....+
.. ===== T O P =====
01 FROM AO1-T DESIGT UDESC USARS QUNO UNITBR
02 FROM AOF-T LOCNM STLOCU CYLU
03 FROM AO2-T UADZIP UGPNM
.. ===== B O T T O M =====

-----
<PF1>  HELP          <PF2>  RETURN          <PF3>  EXECUTE          <PF4>  SAVE
<PF5>  DIALOG DEF   <PF6>  DELETE           <PF7>  BACKWARD          <PF8>  FORWARD
<PF9>  UPDATE       <PF10> VALIDATE        <PF11> RIGHT/LEFT     <PF12> CREATE MODE

```

Here's how our Russian language query looks when we use the terms...

```
=>
-----DQD10
DATAQUERY:  EDITOR          CURRENT TABLE:  _____
-----
NAME:        LANG-RU-LOCAT          TYPE: QUERY   STATUS: PRIVATE
DESCRIPTION:  98G-RUSSIAN SPEAKERS
      ....+....1....+....2....+....3....+....4....+....5....+....6....+....7....+
.. ===== T O P =====
01 FIND 50 EPR-T
02     WITH SCOMPT EQ 'R' AND RECSTA EQ 'G' AND PMOSEN EQ '98G'
03 RELATED BY SSN VIA SSN TO FIRST EPL-T
04     WITH RECSTA EQ 'G' AND LANG EQ 'RU'
05 EP-UNIT-RELATED
06 SORT BY AOF-T GELOC EPR-T NAME
07 PRINT TITLE1 'ALPHA ROSTER-98G'
08     TITLE2 'RUSSIAN LANGUAGE SPEAKERS'
09     EPR-T NAME SSN PMOSEN PAYGRA DEROS 'DT EST RETURN/FROM OVERSEAS'
10 EPL-T LANG
11 EP-UNIT-WW
-----
<PF1> HELP      <PF2> RETURN    <PF3> DISPLAY COLUMNS <PF4> DISPLAY KEYS
<PF5> DISPLAY ALL <PF6> LIST TABLES <PF7> BACKWARD    <PF8> FORWARD
<PF9> TEMPLATE  <PF10> VALIDATE  <PF11> RIGHT/LEFT   <PF12> PROCESS MODE
```

DIALOG

A DIALOG is a query that is modified by use of special characters that will allow values to be substituted upon execution. Dialog menu input screens will be displayed allowing the user to “fill in the blanks” with variable data to customize the query.

Dialogs provide the user a variety of functions:

- a. Multiple users can execute the same dialog query.
- b. Dialogs can customize the file or data selection criteria to suit the desired need.
- c. Associate users can easily execute dialog queries.
- d. File names can be modified.
- e. Field values can be identified.
- f. Conventional users can develop dialog queries that allow for a specific range or list of valid variable substitutes.

It's advisable to create a working query, save it, validate it, and execute it before making it into a dialog. That way, you know the query works and if errors occur after you make it into a dialog it's easier to determine where the problems might be.

Dialog - is a special query containing variables for which the person executing the query can substitute another value. For a query to contain variables, the type must first be defined as a dialog. A Dialog consists of variable ids; dialog symbols and dialog fill characters.

Variable ID - Any item that is to be a variable must have a one or two digit number and a question mark preceding it. Any number between 1 and 25 can be used.

Dialog symbol - Character used to identify a dialog variable in the text of a dialog.

Dialog fill character - A character used to hold a position in the dialog variable so that a value of the full indicated length can be entered.

DIALOG Development Checklist

Always start a dialog by writing a standard query.

```
=>

-----DQD10
DATAQUERY:  EDITOR          CURRENT TABLE:  _____
-----
NAME:       DQDIALOG              TYPE: QUERY  STATUS: PRIVATE
DESCRIPTION: SAMPLE LIST PROGRAM WITH TOTALS AND SUBTOTALS
.....1.....2.....3.....4.....5.....6.....7.....
.. ===== T O P =====
01 FIND 100 EPR-T
02     WITH SCOMPT EQ 'R' AND RECSTA EQ 'G'
03     AND PCMF EQ '11' AND PAYGRA EQ 'E06'
04 SORT BY (PMOSEN) NAME
05 PRINT TITLE1 'ROSTER BY NAME'
06     NAME SSN PAYGRA MEL PMOSEN DMOSD PCMF
07 WHEN PMOSEN BREAKS DO CNT PMOSEN
08 DO PAGE-BREAK
09 WHEN FINISHED DO 'TOTAL FOUND =' CNT PMOSEN
.. ===== B O T T O M =====

-----
<PF1> HELP      <PF2> RETURN    <PF3> EXECUTE    <PF4> SAVE
<PF5> DIALOG DEF <PF6> DELETE    <PF7> BACKWARD  <PF8> FORWARD
<PF9> UPDATE    <PF10> VALIDATE <PF11> RIGHT/LEFT <PF12> CREATE MODE
```

Validate the query.

Execute the query - limit the records for this test (FIND 50. . WITH.).

Remember to change the limit to ALL once this test is over.

Review the output.

Check to see if report data coincides with data requested.

Check to see if data breaks where it should.

Check format sequence of report. Are the columns in the order you want it?

Review the query.

Did you ask for everything in your search condition?

Did you get the most current data? (Where applicable)

Did you structure the query by the most efficient means for your needs?

Variables

The variable identifier for DataQuery is any one or two digit number followed immediately by a question mark (?). ie 1?, 5?, 11?, 99?. There is not a query in our world that should come close to having 99 variables. Let's hope. Most would not exceed fifteen.

Identify the areas that variables are needed in your data.

```

=>
-----DQD10
DATAQUERY:  EDITOR
-----
NAME:          DQDIALOG                      TYPE: DIALOG  STATUS: PRIVATE
DESCRIPTION:   SAMPLE LIST PROGRAM WITH TOTALS AND SUBTOTALS
              .....1.....2.....3.....4.....5.....6.....7.....+
.. ===== T O P =====
01 FIND 1?100 EPR-T
02     WITH SCOMPT EQ 'R'AND RECSTA EQ 'G'
03     AND PCMF EQ 2?'__' AND PAYGRA EQ 3?'EO_'
04 SORT BY (PMOSEN) NAME
05 PRINT TITLE1 'ROSTER BY NAME'
06     NAME SSN PAYGRA MEL PMOSEN DMOSD PCMF
07 WHEN PMOSEN BREAKS DO CNT PMOSEN

08 DO PAGE-BREAK
09 WHEN FINISHED DO 'TOTAL FOUND =' CNT PMOSEN
.. ===== B O T T O M =====
-----
<PF1>  HELP          <PF2>  RETURN          <PF3>  EXECUTE          <PF4>  SAVE
<PF5>  DIALOG DEF    <PF6>  DELETE          <PF7>  BACKWARD         <PF8>  FORWARD

```

Start at the top of your query and insert a **1?** immediately before the area being designated as a variable. If the variable is a value for a field place the identifier outside of the apostrophes of the value.

Continue through the query incrementing the variable identifier by one for each variable area. ex. 2? 3? 4?

NOTE: The contents given to the variables will be used as default values during the dialog execution. This means that the same data will appear on the prompting input screens as it is written in the query. It is recommended that a default character of underscore (C) be given to hold field placement.

Save the dialog.

After the variables have been identified you must then save the query as a dialog. This must be done PRIOR to defining the dialog. Change the query TYPE at the top of the screen from QUERY to DIALOG. Pressing the PF4 from the Process screen or press PF9 to Update the existing file must then save the dialog.

Define The Dialog Variable(s).

Press the PF5 key (DIALOG Definition) to create the prompt screen and identify the variable areas to DataQuery.

The Define Descriptive Text panel will appear. This panel is designed for the dialog developer to enter data pertinent to the executor of the dialog. This is a means to outline the purpose of the query, describe the search criteria, and state the report information or any information that can be useful to the user. This information will be displayed as the dialog input screen at execution time.

```

=>
DQ216E - YOU HAVE PRESSED A FUNCTION KEY THAT ISN'T OPERATIVE ON THIS PANEL
-----DQDP0
DATAQUERY:      DEFINE DESCRIPTIVE TEXT          NAME:      DQDIALOG
-----
DESCRIPTION:    SAMPLE LIST PROGRAM WITH TOTALS AND SUBTOTALS
STATUS:         INCOMPLETE
-----
ENTER THE DESCRIPTIVE TEXT TO BE USED AS A TITLE AND SAVE IT

                ROSTER FOR SELECTED PCMF_____
                  SUBTOTALED ON PMOSEN_____
(MAXIMUM OF 3 PCMF OR USE OF THRU CAN BE USED_____
 (EXAMPLE: '71' '11' '54' OR '11' THRU '71')_____

-----
<PF1> HELP      <PF2> RETURN    <PF3> CONTINUE   <PF4> SAVE
<PF5> NOT USED  <PF6> NOT USED    <PF7> LAST VARIABLE <PF8> FIRST VARIABLE
    
```

The information entered must be saved before you can continue.

Press **PF4** to SAVE then Press **PF3** to CONTINUE.

The DEFINE VARIABLE screen panel appears for each variable you identified in your query. It contains information about the variable you entered and two fields that you must complete. The first is the prompt you want to display on the input screen about the variable. The second is the VARIABLE TYPE code that tells DataQuery how data is stored for this variable. Reference your Extended Field Definitions to determine the data type if unsure.

TYPEs are: **C**-character, **N**-numeric, **A**-alphabetic. While some may appear to be numeric most are stored. as Character. Use a “C” if unsure.

```

=>
-----DQDV0
DATAQUERY:  DEFINE VARIABLE                      NAME:  DQDIALOG
-----
DESCRIPTION:  SAMPLE LIST PROGRAM WITH TOTALS AND SUBTOTALS
STATUS:      INCOMPLETE

FIND 1?100 EPR-T
      WITH SCOMPT EQ 'R'AND RECSTA EQ 'G'
      AND PCMF EQ 2?'__' AND PAYGRA EQ 3?'EO_'

VARIABLE ID:          1 ?
ENTER THE PROMPT TO BE DISPLAYED FOR THIS VARIABLE:
ENTER CORRECT NUMBER OF RECORDS:  (050/110/ALL)_____
VARIABLE TYPE:        C   C - CHARACTER      N - NUMERIC      A - ALPHABETIC
VARIABLE LENGTH:      03
VARIABLE DEFAULT VALUE:
100

-----
<PF1> HELP          <PF2> RETURN          <PF3> CONTINUE      <PF4> SAVE
<PF5> RANGE/LIST    <PF6> DELETE          <PF7> PREV VARIABLE <PF8> NEXT VARIABLE

```

The information entered must be saved before you can continue.

Press **PF4** to SAVE then Press **PF3** to CONTINUE.

Repeat the above procedures for each variable identified.

Notes: The **variable type 'C'** will be used 99.99% of the time on our systems.

The **STATUS** line displayed on the screen will remain INCOMPLETE until all requirements of the DEFINE VARIABLE screens are complete and have been saved.

The **Variable Length** displayed includes apostrophes.

```

=>
DQ249I - YOU HAVE SUCCESSFULLY SAVED THE DIALOG VARIABLE
-----DQDV0
DATAQUERY:  DEFINE VARIABLE                      NAME:  DQDIALOG
-----
DESCRIPTION:  SAMPLE LIST PROGRAM WITH TOTALS AND SUBTOTALS
STATUS:      INCOMPLETE

      WITH SCOMPT EQ 'R'AND RECSTA EQ 'G'
      AND PCMF EQ 2?'__' AND PAYGRA EQ 3?'EO_'
SORT BY (PMOSEN) NAME

VARIABLE ID:          2 ?
ENTER THE PROMPT TO BE DISPLAYED FOR THIS VARIABLE:
ENTER CORRECT PCMF:  (ENCLOSE IN SINGLE QUOTES/DELETE UNUSED CHARACTERS)_____
VARIABLE TYPE:        C   C - CHARACTER      N - NUMERIC      A - ALPHABETIC
VARIABLE LENGTH:      04
VARIABLE DEFAULT VALUE:
'__'

-----
<PF1> HELP          <PF2> RETURN          <PF3> CONTINUE      <PF4> SAVE
<PF5> RANGE/LIST    <PF6> DELETE          <PF7> PREV VARIABLE <PF8> NEXT VARIABLE

```

Define your second variable.

Press **F4** to SAVE, Press **F3** to CONTINUE.

Define your third variable.

```
=>
DQ249I - YOU HAVE SUCCESSFULLY SAVED THE DIALOG VARIABLE
-----DQDV0
DATAQUERY:  DEFINE VARIABLE                      NAME:  DQDIALOG
-----
DESCRIPTION:      SAMPLE LIST PROGRAM WITH TOTALS AND SUBTOTALS
STATUS:           COMPLETE

      WITH SCOMPT EQ 'R'AND RECSTA EQ 'G'
      AND PCMF EQ 2?'__' AND PAYGRA EQ 3?'EO_'
SORT BY (PMOSEN) NAME

VARIABLE ID:      3 ?
ENTER THE PROMPT TO BE DISPLAYED FOR THIS VARIABLE:
ENTER CORRECT PAY GRADE BELOW:_____
VARIABLE TYPE:    C   C - CHARACTER   N - NUMERIC   A - ALPHABETIC
VARIABLE LENGTH:  05
VARIABLE DEFAULT VALUE:
'EO_'

-----
<PF1> HELP      <PF2> RETURN      <PF3> CONTINUE      <PF4> SAVE
<PF5> RANGE/LIST <PF6> DELETE      <PF7> PREV VARIABLE <PF8> NEXT VARIABLE
```

Press **PF4** to SAVE then **F3** to CONTINUE. Status has changed to COMPLETE.

VALIDATION

A dialog is not truly complete until it has been VALIDATED. DataQuery will look at the query syntax just as it will look at any conventional query. It will also check the dialog definitions and incorporate the provided variable information into the query to ensure the dialog has been properly defined. It will check for file information, field size and data type of the variables.

```

=>
DQ499I - YOUR DIALOG IS COMPLETE AND READY FOR VALIDATION
-----DQD10
DATAQUERY:  EDITOR
-----
NAME:          DQDIALOG                      TYPE: DIALOG  STATUS: PRIVATE
DESCRIPTION:   SAMPLE LIST PROGRAM WITH TOTALS AND SUBTOTALS
  ....+....1....+....2....+....3....+....4....+....5....+....6....+....7....+
.. ===== T O P =====
01 FIND 1?100 EPR-T
02     WITH SCOMPT EQ 'R'AND RECSTA EQ 'G'
03     AND PCMF EQ 2?'__' AND PAYGRA EQ 3?'EO_'
04 SORT BY (PMOSEN) NAME
05 PRINT TITLE1 'ROSTER BY NAME'
06     NAME SSN PAYGRA MEL PMOSEN DMOSD PCMF
07 WHEN PMOSEN BREAKS DO CNT PMOSEN
08 DO PAGE-BREAK
09 WHEN FINISHED DO 'TOTAL FOUND =' CNT PMOSEN
.. ===== B O T T O M =====
-----
<PF1>  HELP      <PF2>  RETURN      <PF3>  EXECUTE      <PF4>  SAVE
<PF5>  DIALOG DEF <PF6>  DELETE      <PF7>  BACKWARD      <PF8>  FORWARD
<PF9>  UPDATE    <PF10> VALIDATE    <PF11> RIGHT/LEFT <PF12> CREATE MODE

```

Press the **FF10** key from the Editor panel to begin the Validation process.

```

=>
SCROLL VALUES WITH PF7 OR PF8 AND CHANGE THEM IF DESIRED FOR THIS VALIDATION
-----DQEV0

          ROSTER FOR SELECTED PCMF
          SUBTOTALLED ON PMOSEN
(MAXIMUM OF 3 PCMF OR USE OF THRU CAN BE USED
(EXAMPLE: '71' '11' '54' OR '11' THRU '71')

ENTER CORRECT NUMBER OF RECORDS:  (050/110/ALL)
100

ENTER CORRECT PCMF: (ENCLOSE IN SINGLE QUOTES/DELETE UNUSED CHARACTERS)
'__'

ENTER CORRECT PAY GRADE BELOW:
'EO_'

- LAST PAGE -----
<PF1>  HELP      <PF2>  RETURN      <PF3>  CONTINUE      <PF4>  NOT USED
<PF5>  RANGE/LIST <PF6>  NOT USED      <PF7>  BACKWARD      <PF8>  FORWARD

```

The panel(s) that you have created by the dialog definition will be displayed for review. **DO NOT INSERT VARIABLE DATA AT THIS TIME!** This is for review only.

Press **F3** to CONTINUE.

“**QUERY VALIDATION WAS SUCCESSFUL AND NO ERRORS WERE FOUND**” will appear if no errors were detected in the query, dialog definition, or term syntax (where applicable).

Should an error be found the Editor panel will appear after the panel displays and indicate the error.

If the error involves variable information, correct the query and redefine the variable.

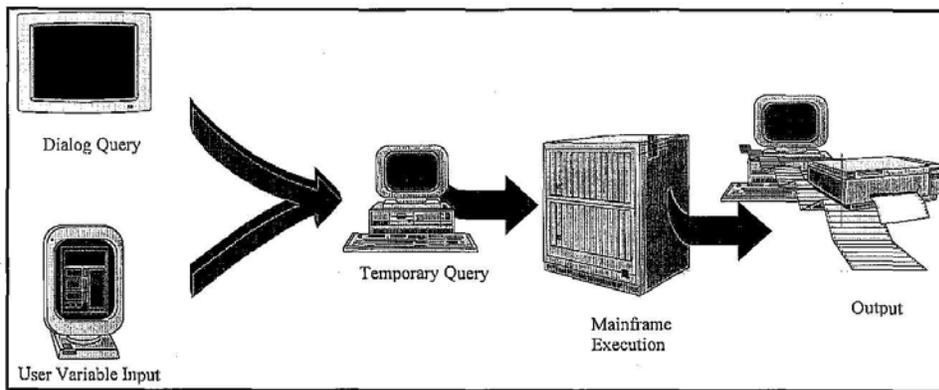
NOTE: If a change has been made to the variable’s length the variable must be DELETED by pressing **PF6** on at the define screen for that variable. Once this definition has been deleted then you can redefine and save the variable.

A validation must be done after the above change.

Dialog Process

Quick Developer Recap: Conventional User

1. Build a Dialog as a Query (optional)
2. Test and Analyze the output
3. Assign Variables to fields
4. Save Dialog
5. Define Dialog
 - Build Main Menu Text
 - Define Each Variable
6. Validate Dialog (entering data is not required)
7. Run Dialog
8. Review screens and output
9. Modify if needed
10. Announce to users of availability.



Quick Run Recap: Associate & Conventional User

1. Stored query is called for use.
2. User fills in menu.
3. Data is merged to create a Temporary Query
4. Temporary query is sent to mainframe for program execution.
5. Query is completed and output generated.

If user has query editing capability, the query document shown on the screen after reviewing the output is the temporary document, not the actual dialog query. In order to run the dialog query again....it must be executed/submitted.

Wild Card or Masking Character

A wild card (#) can be used to during a query to allow for any value to be accepted at either a character position or from the point of issue to the end of the string for a specific field.

```

=>
-----DQD10
DATAQUERY:  EDITOR          CURRENT TABLE:  _____
-----
NAME:        WILDCARD                TYPE: QUERY  STATUS: PRIVATE
DESCRIPTION:  USING THE # SIGN
      ....+....1....+....2....+....3....+....4....+....5....+....6....+....7....+
.. ===== T O P =====
01 FIND ALL EPR-T
02     WITH SCOMPT EQ 'R' AND RECSTA = 'G'
03     PMOSEN = '63# AND DOB GT '19970101'
04 PRINT NAME SSN RECSTA DOB PAYGRA PMOSEN DEROS SEX MARST CTLANG ARLOCH BASD
.. ===== B O T T O M =====
  
```

This query will find all individuals with born since 1 January 1997 and has a primary MOS beginning with 63 and allows any 3 character of the MOS to be included in the search. This will find all 63A, 63B, 63C, etc.

```

=>
-----DQD10
DATAQUERY:  EDITOR          CURRENT TABLE:  _____
-----
NAME:        WILDCARD                TYPE: QUERY  STATUS: PRIVATE
DESCRIPTION:  USING THE # SIGN
      ....+....1....+....2....+....3....+....4....+....5....+....6....+....7....+
.. ===== T O P =====
01 FIND ALL EPR-T
02     WITH SCOMPT EQ 'R' AND RECSTA = 'G'
03     basdf = '199#12#'
04 PRINT NAME SSN RECSTA DOB PAYGRA PMOSEN DEROS SEX MARST CTLANG ARLOCH BASD
.. ===== B O T T O M =====

-----
<PF1> HELP      <PF2> RETURN      <PF3> DISPLAY COLUMNS <PF4> DISPLAY KEYS
<PF5> DISPLAY ALL <PF6> LIST TABLES <PF7> BACKWARD      <PF8> FORWARD
<PF9> TEMPLATE  <PF10> VALIDATE  <PF11> RIGHT/LEFT   <PF12> PROCESS MODE
  
```

This query will find all individuals with a Basic Active Service Date, BASD, in any year starting with 199 (1990-1999), during the month of December (12) regardless of the actual day. The first wildcard allows for acceptance of the year at the position it was inserted in the BASD format. The second allow for acceptance of all data to the end of the field. There are two date positions remaining, but one wildcard is used.

SUBMITTING A BATCH QUERY

The most economical way to process a query is in batch (off-line). Instructions for batch execution are contained in a JCL member that tells the system site-specific instructions for execution, among them your ID. The JCL member you will use is the default member shown on your Batch Execution

The on-line and batch processes have a different active workspace size allocation. Batch processing will allow for queries to collect more data than the on-line process. Batch queries can collect approx. 200,000 rows (records) of average length. On-line queries will find approx. 21,000 rows (records) of average length. Passing the entire database may require several query runs of different population to collect all data required. ie. PAYGRA E01-E03, E04-E06, E07-E09.

SUBMIT or **SUB** initiates batch (offline) execution of a query or dialog using a JCL member.

To submit a query you type **SUBMIT** and the query name or **SUBMIT *** for the: active query. (You can also type **SUB** query name or **SUB *** for the displayed active query or Press PF9-SUBMIT at the query directory).

Type **SUB RANXX-2** and press the **ENTER** key.

```
=>SUB RANXX-2

-----DQZ60
DATAQUERY:  MAIN MENU - DQL MODE

ENTER THE NUMBER OF THE DESIRED FUNCTION ===>  _

1.  DIRECTORIES      - Lists of Queries, Terms, Tables, and Saved Sets
2.  CREATE           - Query, Dialog or Term creation
3.  GUIDE            - Structured query creation
4.  ADMINISTRATION  - DATAQUERY system management
5.  HELP             - Display Help Information
6.  OFF              - DATAQUERY session termination
```

Press **F3** to submit query to batch process.

```

=>

-----DQEN0
DATAQUERY:  BATCH EXECUTION
-----

Enter name of query to submit:      ACTIVE-QUERY
Select the type of execution:      X Immediate
                                   _ Defer execution until time __ : __

Enter the name of the JCL member to use: $$DQJCL
Enter nonblank to use JCL for deferred:  _
Select the report type:
      X Detail and totals           _ When/do column functions only
      _ Detail only (no totals)     _ No detail (totals and when/do)
      _ Totals only (summary)       _ Suppress report

To export print data to a sequential file, select output record type:
      _ Variable comma separated    _ Fixed length record

For variable, enter name of output set _____
For variable, select output type:   _ Detail
                                   _ Totals

-----
<PF1> HELP      <PF2> RETURN  <PF3> SUBMIT
    
```

Replace the text with the values as shown below:

JOBNAMEO	=>	PERNET USERID
ACCTINFO	=>	ACCOUNT NUMBER
ROOM	=>	YOUR ROOM NUMBER
NAME	=>	FIRST 8 CHARACTERS OF YOUR NAME
ROOM	=>	YOUR ROOM NUMBER
PRNODEID.PRINTERID	=>	PRINTER ADDRESS (Printer Options below)

PRINTER ADDRESSES:

ALCDC1A	HIGH SPEED PRINTER IN COMPUTER ROOM.
HALxxxxx	SHARED PRINTER IN YOUR OFFICE

```

=>
DQ412I - YOUR JOB WAS SUBMITTED AT  9:21
-----DQEN0
DATAQUERY:  BATCH EXECUTION
-----
Enter name of query to submit:          ACTIVE-QUERY
Select the type of execution:          X  Immediate
                                         _  Defer execution until time __ : __
Enter the name of the JCL member to use: $EXPJCL
Enter nonblank to use JCL for deferred: _
Select the report type:
      X  Detail and totals              _  When/do column functions only
      _  Detail only (no totals)        _  No detail (totals and when/do)
      _  Totals only (summary)         _  Suppress report
To export print data to a sequential file, select output record type:
      X  Variable comma separated      _  Fixed length record
For variable, enter name of output set DQTEST
For variable, select output type:     X  Detail
                                         _  Totals
-----
<PF1> HELP      <PF2> RETURN      <PF3> SUBMIT

```

After completing, Press **F3** to CONTINUE.

```

=>
SCROLL VALUES WITH PF7 OR PF8 AND CHANGE THEM IF DESIRED FOR THIS EXECUTION
-----DQEX0

      PLEASE FILL IN THIS SCREEN BY TYPING OVER THE HIGHLIGHTED FIELDS.
      LEAVE ALL COMMAS AND PARENTHESES IN PLACE.
AFTER COMPLETING SCREEN PRESS '<PF3> CONTINUE' TO SUBMIT THE DQBATCH JOB.
THIS INFORMATION WILL BE USED TO FILL IN THE JOBCARD INFO IN THE JCL DECK.

ENTER THE DESIRED JOBNAME (8 CHARACTERS) - :
JOBNAME0

ENTER ACCOUNT NUMBER AND ROOM NUMBER:
(ACCTINFO,ROOM),

ENTER NAME (REMOVE SPACES NOT USED) AND ROOM NUMBER:
'NAME      /ROOM',

ENTER PRINTER ID FOR PRINTED OUTPUT:
PRNODEID.PRINTRID

- LAST PAGE -----
<PF1> HELP      <PF2> RETURN      <PF3> CONTINUE      <PF4> NOT USED
<PF5> RANGE/LIST <PF6> NOT USED   <PF7> BACKWARD     <PF8> FORWARD

```

NOTE: IT IS IMPORTANT ALL COMMAS (,), APOSTROPHES (‘) AND SLASHES (/) STAY IN PLACE. JCL WILL BE CREATED FROM THE RESPONSES GIVEN. IMPROPER SYNTAX WILL CAUSE A JCL ERROR AND JOB WILL NOT EXECUTE!. THE DBVIEW MAY NOT BE REQUIRED FOR ACCESS TO YOUR DATABASE. THE ENLISTED DATABASE DOES NOT REQUIRE A DBVIEW.

Batch Execution screen **will** now appear showing time job was submitted.

DATAQUERY BATCH SUBMISSION OPTIONS

When you EXECUTE a DataQuery query or dialog, it executes on-line in a demand mode returning the results to your terminal or the default system printer.

When you SUBMIT a DataQuery query or dialog, it initiates the batch (off-line) execution of the query or dialog using a JOB CONTROL LANGUAGE (JCL) member or proc specified on the Batch Execution Screen. The SUBMIT method not only saves system resources but also frees your terminal while the query is executing.

There are 3 ways to SUBMIT a query or dialog when logged on to DataQuery.

- 1) From the command line type the command, SUBMIT QUERY-NAME and press the Enter key.
- 2) List the Directory of queries or dialogs, position cursor next to desired query or dialog and press the F9 key to SUBMIT.
- 3) With the desired query or dialog displayed in the DataQuery editor, from the command line type SUBMIT and press Enter.

New JCL Members have been created for the DataQuery production system library to make batch submission in DataQuery easier and provide additional functionality.

The new JCL members will allow you submit a DataQuery with only one screen of information needed and entry of your log on ID and password is not required. Data can be sent to a data set, laser printer, or any addressable system printer depending on the JCL member used.

THE METHOD FOR BATCH SUBMISSION IS:

- 1) Identify the query or dialog to execute in batch.
- 2) SUBMIT the query.
- 3) When the Batch execution screen appears, use the default job control language for local print, HAL printing, or Profs destination.

If you need to send data to a dataset or Hoffman facility high-speed laser printer, TAB to line that contains Enter the name of the JCL member to use by replacing the:

“\$\$DQJCL” with the name of JCL member to use from list below:

JCL MEMBER NAME	FUNCTION
\$DQEXP S	END PRINT FILE TO DATASET.
\$EXPIJCL	SEND DATA ONLY IN CSV FORMAT TO DATASET
\$DQLAZ	SEND REPORT TO LASER PRINTER.

- 4) Press F3 to SUBMIT.
- 5) Fill in the one screen with information requested
- 6) Press F3 to CONTINUE, job is now submitted to batch.

Data can be sent to the laser printer by using \$DQLAZ. or to an impact, LU1, HAL or any system printer by using \$DQPRT either or \$\$DQJCL.

INSTRUCTIONS FOR USING \$DQEXP

Data can be sent to a data set by using the \$DQEXP JCL member.

Report transfer from DataQuery to your PC can be accomplished through ROSCOE using the RECEIVE (or PKT-XFER-R for new Packet PC release) command of Packet PC.

Packet PC is the standard communication software used when establishing a terminal session with PERnet. Reports transferred from DataQuery using the RECEIVE (or PKT-XFER-R) command in Packet PC will be in report format. This means header pages, carriage control characters, header lines and page breaks are present in the report and must be removed prior to importing as an ASCII file into most PC database management systems.

To process a report for transfer the following steps must be strictly adhered to:

1. Sign on to DataQuery and SUBMIT your query using \$DQEXP.

You will receive a prompt:

```
ENTER DATA SET NAME FOR EXPORT: LOGONID.DQOUTPUT
```

2. Type your PEEnet User ID over LOGONID.
3. Sign on to ROSCOE and issue the DIS command to check job status.
4. Once job is completed, toggle back to the PC by depressing the ALT/NUM LOCK keys. ALT/NUM LOCK will toggle back to DOS on your PC in the PACKET directory.
5. After depressing ALT/NUM LOCK, issue the DOS Packet RECEIVE command.

Example:

```
RECEIVE A:\PCFILENAME.ASC PERnetID.DQOUTPUT ASCII CRLF
```

```
RECEIVE C:\ENDATA\PCFILENAME.ASC PERnetID.DQOUTPUT ASCII CRLF
```

6. Depress ALT/NUM LOCK again to toggle back to ROSCOE.
7. Delete your file using the DSN function of ROSCOE.
8. Then sign off of ROSCOE and DataQuery prior to working Stand-alone at your PC.

Enable Data Base Management System will import a file in ASCII format as an ASCII file. The database must first be defined in Enable prior to copying the ASCII into the database. When receiving files, remember which directory your file was placed on your PC. The default is your PACKET directory.

INSTRUCTIONS FOR USING \$EXPJCL

Data can be sent as a variable comma separated (ASCII) format to a data set by using the \$EXPJCL JCL member.

To process a report for transfer you must perform the following steps:

1. Once you have signed on to Dataquery, open the query that you wish to run batch.
2. From the query screen, press the Tab key to position the cursor at the command prompt and type **SUBMIT**, then press the **ENTER** key.

```

=>SUBMIT
-----DQD10
DATAQUERY:  EDITOR          CURRENT TABLE: _____
-----
NAME:        DQEXER-1_____          TYPE: QUERY   STATUS: PRIVATE
DESCRIPTION:  SAMPLE LIST QUERY_____
  ..+...1...+...2...+...3...+...4...+...5...+...6...+...7...+...
.. ===== T O P =====
.. FIND ALL EPR-T
..     WITH SCOMPT EQ 'R' AND RECSTA = 'G'
..     SSN EQ '111#'
.. SORT BY PAYGRA NAME
.. PRINT NAME SSN DOB PAYGRA PMOSEN DEROS SEX MARST CTLANG ARLOCH BASD
  ===== B O T T O M =====
-----
<PF1> HELP      <PF2> RETURN      <PF3> DISPLAY COLUMNS <PF4> DISPLAY KEYS
<PF5> DISPLAY ALL <PF6> LIST TABLES <PF7> BACKWARD      <PF8> FORWARD
<PF9> TEMPLATE  <PF10> VALIDATE  <PF11> RIGHT/LEFT   <PF12> PROCESS MODE
  
```

3. The Batch Execution screen will appear. Place an “X” next to variable comma separated, press the Tab key twice, and enter name of output set.

```

=>
-----DQEN0
DATAQUERY:  BATCH EXECUTION
-----
Enter name of query to submit:          ACTIVE-QUERY
Select the type of execution:           X Immediate
                                         _ Defer execution until time __ : __
Enter the name of the JCL member to use: $expJCL
Enter nonblank to use JCL for deferred: _
Select the report type:
      X Detail and totals                _ When/do column functions only
      _ Detail only (no totals)          _ No detail (totals and when/do)
      _ Totals only (summary)            _ Suppress report
To export print data to a sequential file, select output record type:
      x Variable comma separated         _ Fixed length record
For variable, enter name of output set  dqtest_____
For variable, select output type:       _ Detail
                                         _ Totals
-----
<PF1> HELP      <PF2> RETURN      <PF3> SUBMIT
  
```

4. Press the F3 key to submit query.
5. Complete the next screen – DQEX0, **DO NOT REMOVE COMMAS, SPACES AND PERIODS.**

```
=>
SCROLL VALUES WITH PF7 OR PF8 AND CHANGE THEM IF DESIRED FOR THIS EXECUTION
-----DQEX0

PLEASE FILL IN THIS SCREEN BY TYPING OVER THE HIGHLIGHTED FIELDS.
LEAVE ALL COMMAS AND PARENTHESES IN PLACE.

THIS INFORMATION WILL BE USED TO FILL IN THE JOBCARD INFO IN THE JCL DECK.

ENTER THE DESIRED JOBNAME (8 CHARACTERS) - :
ALRANAA

ENTER YOUR ACCOUNT AND ROOM NUMBER
(ZLZ21581,1S67),

TYPE NAME AND ROOM NUMBER - :
'TEACHER /1S67',

ENTER USERID AND THEN NAME OF FILE FOR EXPORT :
ALRANAA.DQEXPORT,

-----
<PF1>  HELP          <PF2>  RETURN        <PF3>  CONTINUE      <PF4>  NOT USED
<PF5>  RANGE/LIST  <PF6>  NOT USED      <PF7>  BACKWARD      <PF8>  FORWARD
```

Enter the following information:

- a. Enter the Desired Jobname
 - b. Enter Your Account and Room Number
 - c. Type Name and Room Number
 - d. Enter Userid and then Name the File For Export
6. Press the F3 key to Continue. You will receive a message similar to the following:
DQ4121 – YOUR JOB WAS SUBMITTED AT 14:18
 7. Press ALT/F1 to toggle to TPX Screen
 8. Press the function key assigned to AL1ROS, or move cursor next to blank line and press the Enter key
 9. Press the Enter key when the ROSCOE screen appears
 10. Type **DIS** to see the status of your job
 11. When you receive the similar message below, import your data to review it.
DIS03 JOB(S) ALRANAA* NOT FOUND
 12. Type **IMP=ALRANAA.DQEXPORT**, press the Enter key
Note: Your userid is before the DQEXPORT.
 13. Type **A** to attach your file. You should see your data. Once your review, export it back.
 14. Type **EXP DSN=ALRANAA.DQEXPORT**, press the Enter key.

15. Type **DEL**, press the Enter key
16. Type **OFF**, press the Enter key

DISPLAYING JOB STATUS IN ROSCOE

When it is necessary to monitor status of jobs submitted, you must sign on to ROSCOE. All users should have access to ROSCOE.

ROSCOE is an on-line development and maintenance system. It contains a full screen editor with the data stored in an on-line library. One of its primary functions is that of a teleprocessing monitor. ROSCOE not only allows submission of batch programs but also the ability to display the status of batch programs. ROSCOE also includes an interactive programming language, RPF (**ROSCOE** Programming Facility).

Go to the TPX menu by pressing Ctrl/F1.

From there we will sign on to ROSCOE and display the query job status.

```

          TPX MENU FOR ALRANAA
          Panelid - TEN0041
          Terminal - ALTC0700
          Model - 3279-2
          System - AALTPX01

          Cmdkey=PF12/24      Jump=PA3      Menu=PA1
          Print=PF14         Cmdchar=/      /K to EXIT

          Sessid      Sesskey      Session Description      Status
          _ AMSNET      PF          ISC-P TPX (AMSNET)
          _ TPXADMIN     PF          TPX ADMINISTRATION
          _ TPXMAIL      PF          TPX MESSAGES / BROADCASTS
          _ TPXNOTES     PF          TPX SCRATCHPAD
          _ AL1ROS       PF 2        ISC-H ROSCOE
          _ AL1CID4      PF 3        ISC-H OTHR/DEV CICS
          _ AL1CIT8      PF 4        ISC-H DATACOM-SQL/TEST CICS      N/A
          _ AL1CIT9      PF 5        ISC-H TRAINING CICS
          _ AL2CIP1      PF 7        ISC-H EDAS/PROD CICS
          _ AL2CIP2      PF 8        ISC-H TOPMIS/PROD CICS
          _ AL2CIP4      PF 9        ISC-H OTHR/PROD CICS
          _ AL2TSO       PF          ISC-H TSO
          _ DSSPROFS     PF          DSS PROFS

          Command ==>
          PF1=Help  PF7/19=Up  PF8/20=Down  PF10/22=Left  PF11/23=Right  H =Cmd Help
    
```

Tab to **AL1ROS** **PF2** **ISC-H ROSCOE**

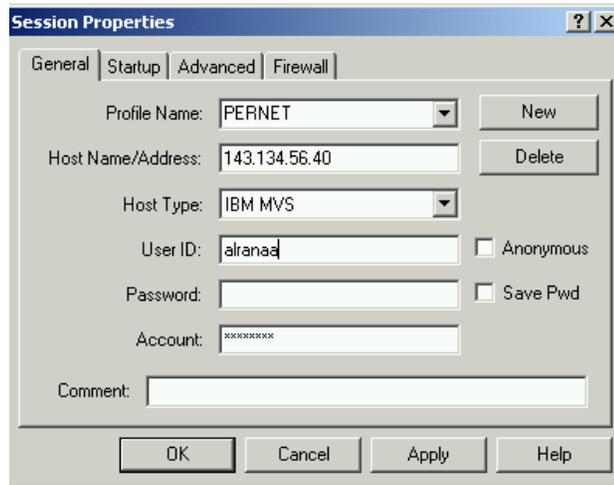
Press the **ENTER** key or Press the appropriate function key

The ROSCOE sign-on screen will display.

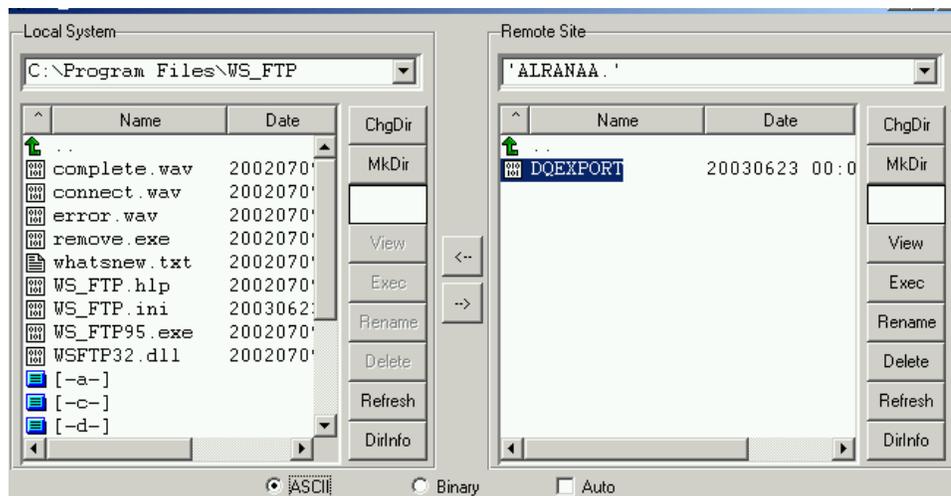
How to FTP a Data Set to Excel

After you have submitted your data set to run, and no errors occur and the job is complete, you now can use FTP (File Transfer Protocol) to upload your data to your PC. Follow the steps below to FTP your data set to your PC.

1. Click the FTP icon on the Status Bar to sign on to FTP. Enter your **User ID** and **Password**. Enter your **Account** number.

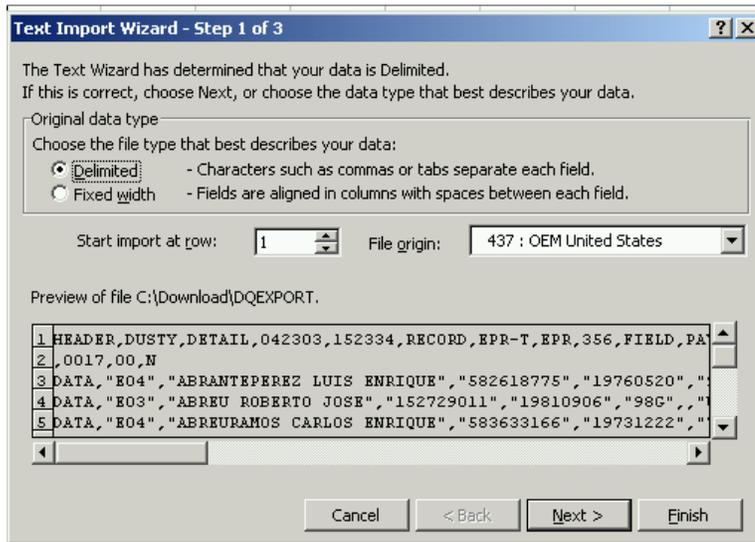


2. When connection is made you will see the following screen:



3. Select the Dataset name **DQEXPORT** from the list of files on Remote Site. Make sure you select ASCII for mode.
4. Select **ChgDir** to change the directory. Store you file in **C:\Temp**
5. Click **←** to copy to C:\Temp
6. File transfer should begin and you should now see DQEXPORT on hard drive. Close FTP screen.

7. Open file **DQEXPORT** in Excel, the Text Import Wizard screen appears



8. Click Next, select Comma
9. Click Next, select Do not import column (skip)
10. Click Finish
11. Adjust your columns in Excel and add headers, save the file.

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DATA ASSISTANCE

**DATAQUERY
TABLES**

**TABLE CONTENTS
REPORT**

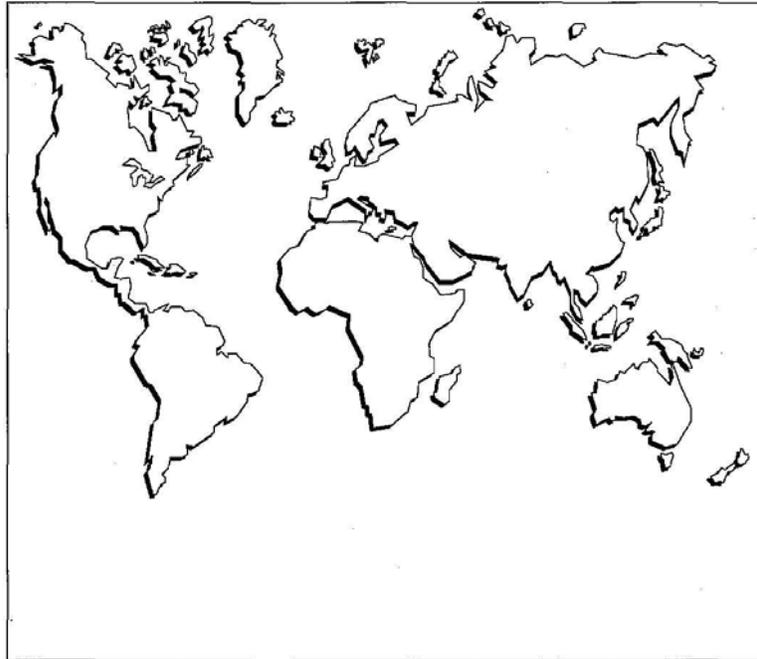
**COLUMN TO
TABLE CROSS REFERENCE**



DATAQUERY TABLES

DATAQUERY: TABLE NAME	DIRECTORY OF TABLES DESCRIPTION	DATADICIONARY BASE ID: 002
AOA-T	AOA-SORTS	
AOF-T	AOF-GEO-LOC	
AOG-T	AOG-REGT-AFFIL	
AOH-T	AOH-UNIT-REDESIGNATION	
AOI-T	AOI-ORG-INTERNALS	
AOZ..T	AOZ-PPA-SIDPERS3	
AO1-T	AO1-PERSCOM-MOD	
AO2-T	AO2-UNIT-LOC-MOD	
EFK-T	EXCEPTIONAL FAMILY MEMBER RECORD	
EMH-T	STAT HAAP DATA	
EMM-T	STAT DATA	
EMP-T	STAT DATA	
EMS-T	EMS DATA	
EPA-T	ATTACHMENTS RECORD	
EPB-T	DUTY HISTORY RECORD	
EPC-T	CONUS ASSIGNMENT HISTORY RECORD	
EPF-T	SUSPENSION OF FAVORABLE ACTION	
EPG-T	PERMANENT CHANGE OF STATION	
EPK-T	OVERSEAS ASSIGNMENT HISTORY RECORD	
EPL-T	LANGUAGE RECORD	
EPM-T	MILITARY EDUCATION RECORD	
EPO-T	MOS HISTORY RECORD	
EPQ-T	MULTIPLE ASQ RECORD	
EPR-T	ENLISTED PERSONNEL RECORD	
EPS-T	ADDITIONAL SKILLS TABLE	
EPT-T	OBSOLETE RECORD	
EPW-T	IMMEDIATE REENL PROHIBITION	
EPX-T	E-EARLY-SEPARATION	
EPY-T	PROFICIENCY PAY DB	
EPZ-T	LOST FILE RECORD	
EQA-T	AWARDS RECORD	
EQC-T	CMTS ASSI9NMENT OF SERVICE MBR REC	
EQD-T	DUAL SERVICE COMPONENT TABLE	
EQE-T	CIVILIAN EDUCATION RECORD	
EQF-T	PROJ PROF DEVELOPMENT ASSIGNMENTS	
EQH-T	ENLISTMENTIREENLISTMENT HISTORY	
EQI-T	CAREER MANAGEMENT SCORES RECORD	
EQJ-T	ARMED SERVICES APT TEST RECORD	
EQM-T	MILITARY SPOUSE INFORMATION RECORD	
EQN-T	HISTORY IND NAMES AND ALIASES RECD	
EQO-T	OFFICER SELECTION RECORD	
EQP-T	PERMANENT GRADE HISTORY	
EQV-T	ASSIGNMENT CONSID RECORD	
EQW-T	OVERSEAS ASSIGNMENT PREFERENCE REC	
EQX-T	CONUS ASSIGNMENT PREFERENCE	
EQZ-T	PREVIOUS SSN RECORD	

TABLE CONTENTS REPORT



ENLISTED DATABASE

TABLE NAME	FIELD NAME	DESCRIPTION	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
AOA-T	UIC	UIC (CHAIN)	6	X	1	6
	SVCDSG	SVC-DSG	1	X	1	1
	UPC	UPC (CHAIN)	5	X	2	6
	PUD	PRNT-ORG-DSG	3	X	2	4
	DD	DSCRTV-DSC	2	X	5	6
	ETSURS	DATE-UNIT-EEC-START	8	X	7	14
	DTEURS	DATE-UNIT-EEC-END	8	X	15	22
	DTEEST	DATE-REC-ESTAB	8	X	23	30
	DTROBS	DATE-REC-OBS	8	X	31	38
	OPLMOD	OPERATOR-ID-LAST-MOD	9	X	39	47
	DTLMOD	DATE-LAST-MOD	8	X	48	55
	TMLMOD	TIME-LAST-MOD	6	X	56	61
	PPA	PPA	2	X	62	63
	UNTRQA	UNIT-REQ-ACTVTY (CHAIN)	4	X	64	67
	UNTCA	UNIT-COND-ASG	2	X	64	65
	PMAO	UNIT-PMA-OFF	2	X	66	67
	UNMST	UNIT-MSN-STAT	2	X	68	69
	UNOPST	UNIT-OPN-STAT	1	X	70	70
	UNRSCD	UNIT-EEC-STAT	1	X	71	71
	PPG	ENLD-MGT-UNIT-FILL-PRTY	2	X	72	73
	PSC	PSC	4	X	74	77
	RGUN	UNIT-RECT-DSC	6	X	78	83
	URGTHB	UNIT-REGT-DSG-HOMEBASE	2	X	84	85
	MTOENM	MTOE-ORG-NAME (CHAIN)	23	X	86	108
	USARS	USARS-NBR	2	X	86	87
	QUNO	UNIT-NBR-USA	4	X	88	91
	UNITBR	UNIT-BR	2	X	92	93
	UDESC	UNIT-DSCR-MTOE	15	X	94	108
	SVCORG	SVC-COMP-ORG	1	X	109	109
	USCCL	UNIT-SCTY-CLASS	1	X	110	110
	UTPSCD	UNIT-TPSN-TYPE-CODE	1	X	111	111
	TPSN	TPSN	5	X	112	116
	TPSCAT	TPSN-CAT	1	X	112	112
	TPSTDA	TPSN-TDA (CHAIN)	4	X	113	116
	TPSSPC	TPSN-SP-CLASS	1	X	113	113
	TPSUAC	TPSN-UNIT-ACTVTY	2	X	114	115
	TPSTDS	TPSN-TDA-SEQ-NBR	1	X	116	116
	TPSTO1	TPSN-TOE-1 (REDEFINES TPSTDA) (CHAIN)	4	X	113	116
	TPSTMU	TPSN-TYPE-MASTER-UNIT	1	X	113	113
	TPSMUN	TPSN-MSTR-UNIT-NBR	3	X	114	116
	TPSTO2	TPSN-TOE-2 (REDEFINES TPSTO1)	4	X	113	116
	TPSTNU	TPSN-TYPE-NONMSTR-UNIT	2	X	113	114
	TPSTOS	TPSN-TOE-SEQ-NBR	2	X	115	116
	BMTOE	BASE-MOD-TOE (CHAIN)	6	X	117	122
	TOESBN	TOE-BASE-NBR	2	X	117	118
	TOESBN	TOE-SUB-NBR	3	X	119	121
	TOESUF	TOE-SUF	1	X	122	122
	DTPUAD	PLAN-UNIT-ACTV-DATE	8	X	123	130
	DTPUID	PLAN-UNIT-INACTV-DATE	8	X	131	138
	PULC	PRNT-UNIT-LEVEL	3	X	139	141
	TPSEDG	TPSN-ELM-DSG	2	X	142	143
	URI	UNIT-REGT-INDIC	1	X	144	144
	VAR	TOE-VAR	2	X	145	146
	YWDTOE	YWD-TOE-DOC-PUB	1	X	147	147
	ACUIC	ADMIN-CON-UIC (CHAIN)	6	X	148	153
	ACSD	ADMIN-CON-SVC-DSG	1	X	148	148
	ACUPC	ADMIN-CON-UPC (CHAIN)	5	X	149	153
	ACPUD	ADMIN-CON-PRNT-ORG-DSG	3	X	149	151
	ACDD	ADMIN-CON-DSCRTV-DSG	2	X	152	153
	ALO	AUTH-LVL-ORG	1	X	154	154

ENLISTED DATABASE

TABLE NAME	FIELD NAME	DESCRIPTION	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
AO1-T	CATCO	UNIT-MEN-CAT	1	X	155	155
	DESIGT	UNIT-DSG-TDA	25	X	156	180
	UIC	UIC (CHAIN)	6	X	1	6
	SVCDSDG	SVC-DSG	1	X	1	1
	UPC	UPC (CHAIN)	5	X	2	6
	PUD	PRNT-ORG-DSG	3	X	2	4
	DD	DSCRTV-DSG	2	X	5	6
	DTSURS	DATE-UNIT-REC-START	8	X	7	14
	DTETJRS	DATE-UNIT-REC-END	8	X	15	22
	DTEEST	DATE-REC-ESTAB	8	X	23	30
	TMRCES	TIME-REC-ESTB	6	X	31	36
	DTROBS	DATE-REC-OBS	8	X	37	44
	OPLMOD	OPERATOR-ID-LAST-MOD	9	X	45	53
	DTLMOD	DATE-LAST-MOD	8	X	54	61
	TMLMOD	TIME-LAST-MOD	6	X	62	67
	DESIGT	UNIT-DSG-TDA	25	X	68	92
	PPA	PPA	2	X	93	94
	UNTRQA	UNIT-REQ-ACTVTY (CHAIN)	4	X	95	98
	UNTCA	UNIT-COMD-ASG	2	X	95	96
	PMAO	UNIT-PMA-OFF	2	X	97	98
	UNMST	UNIT-MEN-STAT	2	X	99	100
	UNOPST	UNIT-OPN-STAT	1	X	101	101
	UNRSCD	UNIT-REC-STAT	1	X	102	102
	PPG	ENLD-MGT-UNIT-FILL-PRTY	2	X	103	104
	MOBDTE	DATE-UNIT-MOB	8	X	105	112
	PSC	PSC	4	X	113	116
	RGUN	UNIT-REGT-DSG	6	X	117	122
	URGTHB	UNIT-REGT-DSG-HOMEBASE	2	X	123	124
	PULC	PRNT-UNIT-LEVEL	3	X	125	127
	MTOENM	MTOE-ORQ-NANE (CHAIN)	23	X	128	150
	USARS	USARS-NBR	2	X	128	129
	QUNO	UNIT-NBR-USA	4	X	130	133
	UNITBR	UNIT-BR	2	X	134	135
	UDESC	UNIT-DSCR-MTOE	15	X	136	150
	UNORPR	UNIT-ORG-PRFL	3	X	151	153
	COHFLG	COHORT-UNIT-INDIC	1	X	154	154
	COMVID	COHORT-UNIT-MOVE-NDIC	1	X	155	155
	DML	DIST-MGT-LVL	3	X	156	158
	DMSL	DIST-MGT-SUB-LVL	3	X	159	161
	PMAE	UNIT-PMA-ENLD	2	X	162	163
URQFLG	UNIT-REQ-INDIC	1	X	164	164	
UNDPTS	UNIT-DEPN-TRAVEL-STAT	1	X	165	165	
UMDPT	UNIT-MAN-DPRT-DT	8	X	166	173	
UMACD	UNIT-MAN-ASG-CUTOFF-DT	8	X	174	181	
ASGWIN	UNIT-ASG-WINDOW	1	X	182	182	
UNMODT	UM-MOD-TYPE-CD	1	X	183	183	
UMRPT	UNIT-MAN-REPT-DT	8	X	184	191	
UNTRTY	UNIT-OS-TOUR-TYPE	1	X	192	192	
UMTYP	UNIT-MAN-TYPE-CD	1	X	193	193	
UMVST	UNIT-MAN-STATUS-CD	2	X	194	195	
ALPPA	ALT-PPA	2	X	196	197	
DTJRGT	EFF-DATE-REGT-DSG-UNIT	8	X	198	205	
ENLLOC	UNIT-ENLSTMT-CMT-LOC	4	X	206	209	
HAPFLG	HAAP-INDIC	1	X	210	210	
MALOF	MIN-ACC-PRCNTG-UNIT-FILL	4	X	211	214	
MOBUNT	MOB-UNIT-TYPE	1	X	215	215	
MXLOF	MAX-ACC-PRCNTG-UNIT-FILL	4	X	216	219	
ORGRAA	ORG-REQ-ASG-AREA	2	X	220	221	
CULCCD		2	X	222	223	
CTJISCD		2	X	224	225	

ENLISTED DATABASE

TABLE NAME	FIELD NAME	DESCRIPTION	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
	CURLCD		4	X	226	229
	CUCIND		1	X	230	230
AO2-T	UIC	UIC (CHAIN)	6	X	1	6
	SVC	DSG SVC-DSG	1	X	1	1
	UPC	UPC (CHAIN)	5	X	2	6
	PUT	PRNT-ORG-DSG	3	X	2	4
	DD	DSCRTV-DSG	2	X	5	6
	DTULST	DATE-UNIT-LOC-START	8	X	7	14
	DTULES	DATE-UNIT-LOC-ESTAB	8	X	15	22
	DTUIEN	DATE-UNIT-LOC-END	8	X	23	30
	DTULOB	DATE-UNIT-LOC-OBS	8	X	31	38
	ULOCCD	UNIT-LOC-TYPE-CAT-CD	1	X	39	39
	TMRCES	TIME-REC-ESTB	6	X	40	45
	GELOC	UNIT-GEO-LOC	4	X	46	49
	UADZIP	UNIT-ADDR-ZIP-CODE	9	X	50	58
	UGPONM	UNIT-GTWY-PO-NBR-MAIL	9	X	59	67
	UGPOAM	UNIT-GTWY-PO-AREA-MAIL	2	X	68	69
	UGTPOM	UNIT-GTWY-PO-MAIL	1	X	70	70
AOF-T	GELOC	UNIT-GEO-LOC	4	X	1	4
	LOCNM	UNIT-HOME-GEO-LOC-NAME	17	X	5	21
	ARLOC	UNIT-ARMY-LOC	5	X	22	26
	AREAX	ARMY-AREA-LOC-UNIT (CHAIN)	3	X	27	29
	ARALOC	ARMY-AREA-LOC	1	X	27	27
	STLOCU	STATE-LOC-UNIT	2	X	28	29
	CONIND	CONUS-UNIT-INDIC	1	X	30	30
	CYLU	CNTRY-LOC-UNIT	2	X	31	32
	OPLMOD	OPERATOR-ID-LAST-MOD	9	X	33	41
	DTLMOD	DATE-LAST-MOD	8	X	42	49
	TMLMOD	TIME-LAST-MOD	6	X	50	55
	TINSTL	TYPE-INSTL	3	X	56	58
	UNTGSA	UNIT-GSA-LOC	9	X	59	67
	UGRID	UNIT-U-GRID	5	X	68	72
	XCORD	UNIT-K-COORD	3	X	73	75
	YCORD	UNIT-Y-COORD	3	X	76	78
	LATITD	UNIT-LATITD	7	X	79	85
	LONGTD	UNIT-LONGTD	8	X	86	93
AOZ-T	PPA	PPA	2	X	1	2
	PPACDT	PPA-SIDPERS-CONV-DATE	8	X	3	10
	PPATCD	PPA-SIDPERS-TYPE-CD	1	X	11	11
AOG-T	RGUN	UNIT-REGT-DSG	6	X	1	6
	DTEEST	DATE-REC-ESTAB	8	X	7	14
	DTROBS	DATE-REC-OBS	8	X	15	22
	DTCRGT	EFF-DATE-REGT	8	X	23	30
	OPLMOD	OPERATOR-ID-LAST-MOD	9	X	31	39
	DTLMOD	DATE-LAST-MOD	8	X	40	47
	TMLMOD	TIME-LAST-MOD	6	X	48	53
	UNRSCD	UNIT-REC-STAT	1	X	54	54
	URGTYP	UNIT-REGT-TYPE	2	X	55	56
	RGTCCM	REGT-CONUS-RMK	100	X	57	156
	RGTOCM	REGT-OCONUS-RMK	100	X	157	256
AOH-T	EDTURD	EFF-DATE-UNIT-REDSG	8	X	1	8
	OLDUIC	OLD-UIC (CHAIN)	6	X	9	14
	OSVDSG	OLD-SVC-DSG	1	X	9	9
	OLDUPC	OLD-UPC (CHAIN)	5	X	10	14
	OLDPUD	OLD-PRNT-ORG-DSG	3	X	10	12
	OLDDD	OLD-DSRTV-DSG	2	X	13	14
	NEWUIC	NEW-UIC (CHAIN)	6	X	15	20
	NSVDSG	NEW-SVC-DSG	1	X	15	15
	NEWUPC	NEW-UPC (CHAIN)	5	X	16	20
	NEWPUD	NEW-PRNT-ORG-DSG	3	X	16	18

ENLISTED DATABASE

TABLE NAME	FIELD NAME	DESCRIPTION	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
	NEWOD	NEW-DSCRTV-DSG	2	X	19	20
	DTADD	DATE-REC-ADD	8	X	21	28
	OPADD	OPERATOR-ID-REC-DD	9	X	29	37
	DTLMOD	DATE-LAST-MOD	8	X	38	45
	OPLMOD	OPERATOR-ID-LAST-MOD	9	X	46	54
	TMLMOD	TIME-LAST-MOD	6	X	55	60
	REQIND	REQ-DB-UNIT-UPDT-INDIC	1	X	61	61
	PERIND	PERS-DB-UNT-RI-CD	1	X	62	62
	STAIND	STAT-DB-UNIT-UPDT-INDIC	1	X	63	63
	POLIND	POLY-DB-UNIT-UPDT-INDIC	1	X	64	64
	PROIND	PRON-DB-UPDT-INDIC	1	X	65	65
	ASGIND	ASG-DB-UNIT-UPDT-INDIC	1	X	66	66
	DISIND	DISTR-DB-UNIT-UPDT-INDIC	1	X	67	67
	ACQIND	ACQ-DB-UNIT-UPDT-INDIC	1	X	68	68
AOI-T	TRANFL	TRANS-INDIC	1	X	69	69
	UIC	UIC (CHAIN)	6	X	1	6
	SVCDSG	SVC-DSG	1	X	1	1
	UPC	UPC (CHAIN)	5	X	2	6
	PUD	PRNT-ORG-DSG	3	X	2	4
	DD	DSCRTV-DSC	2	X	5	6
	DTSURS	DATE-UNIT-EEC-START	8	X	7	14
	DTEURS	DATE-UNIT-EEC-END	8	X	15	22
	DML	DIST-MGT-LVL	3	X	23	25
	DMSL	DIST-MGT-SUB-LVL	3	X	26	28
	PPA	PPA	2	X	31	32
	ARALOC	ARMY-AREA-LOC	1	X	33	33
	PSC	PSC	4	X	34	37
	ARLOC	UNIT-ARMY-LOC	5	X	38	42
	CONIND	CONUS-UNIT-INDIC	1	X	43	43
	PMAE	UNIT-PMA-ENLD	2	X	44	45
	DTLMOD	DATE-LAST-MOD	8	X	46	53
	TMLMOD	TIME-LAST-MOD	6	X	54	59
	DTADD	DATE-DATA-ADDED	8	X	60	67
	OPADD	OPERATOR-ID-REC-ADD	9	X	68	76
	OPD4OD	OPERATOR-ID-LAST-MOD	9	X	77	85
	UNRSCD	UNIT-REC-STAT	1	X	86	86
	ORGRAA	ORG-REQ-ASG-AREA	2	X	87	88
	CYLU	CNTRY-LOC-UNIT	2	X	89	90
	STLOCU	STATE-LOC-UNIT	2	X	91	92
	POSREQ		1	X	93	93
	POSPER		1	X	94	94
	POSSTA		1	X	95	95
	POSPOL		1	X	96	96
	POSREQ1		1	X	97	97
	POSASN		1	X	98	98
	POSOST		1	X	99	99
	UNMET	UNIT-MSN-STAT	2	X	100	101
EFK-T	SSN	SSN	9	X	1	9
	RECSTA	REC-STAT	1	X	10	10
	EFMRWL	EFM-RLTNSHP-MIL-SPONS	2	X	11	12
	YNEEFM	YR-MO-EXPIR-EFME	6	X	13	18
	OPADD	OPERATOR-ID-REC-ADD	9	X	19	27
	DTADD	DATE-DATA-ADDED	8	X	28	35
	OPLMOD	OPERATOR-ID-LAST-MOD	9	X	36	44
	DTIMOD	DATE-LAST-MOD	8	X	45	52
	TMLMOD	TIME-LAST-MOD	6	X	53	58
EPA-T	SSN	SSN	9	X	1	9
	RECSTA	PEG-STAT	1	X	10	10
	DTATCH	DATE-ATCH	8	X	11	18
	EXDTAT	EXPIR-DATE-ATCH	8	X	19	26

ENLISTED DATABASE

TABLE NAME	FIELD NAME	DESCRIPTION	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
	UICAT	UIC-ATCH	16	X	27	32
	SDAT	SVC-DSG-ATCH	1	X	27	27
	UPCAT	UPC-ATCH	5	X	28	32
	PUDAP	PRNT-ORG-DSG-ATCH	3	X	28	30
	DDAT	DSCRTV-DSG-ATCH	2	X	31	32
	OPADD	OPERATOR-ID-PEG-ADD	9	X	33	41
	DTADD	DATE-DATA-ADDED	8	X	42	49
	OPLMOD	OPERATOR-ID-LAST-MOD	9	X	50	58
	DTLMOD	DATE-LAST-MOD	8	X	59	66
	TMLMOD	TIME-LAST-MOD	6	X	67	72
EPB-T	SSN	SSN	9	X	1	9
	RECSTA	REC-STAT	1	X	10	10
	DTAPD	DATE-ASG-PREV-DY	8	X	11	18
	PDMSDE	PREV-DMOSD-ENLD	8	X	19	23
	PDMSKE	PREV-DMOS-SKILL-ENLD	4	X	19	22
	PDMOSE	PREV-DMOS-ENLD	3	X	19	21
	PDSKL	PREV-DY-SKILL-LVL	1	X	22	22
	PDSQIE	PREV-DY-SQI-ENLD	1	X	23	23
	PFASIE	PREV-FIRST-DY-ASI-ENLD	2	X	24	25
	PSASIE	PREV-SECD-DY-ASI-ENLD	2	X	26	27
	PDLANG	PREV-DY-LANG-IDENT	2	X	28	29
	PDSDYP	PREV-DSG-DY-PREF	24	X	30	53
	PPOSNO	PREV-POSN-NBR	4	X	54	57
	PPRNBR	PREV-ASG-PARA-NBR	4	X	5	61
	PLNNBR	PREV-ASG-LINE-NBR	3	X	62	64
	PAYGRA	PAY-GR-AA	3	X	65	67
	MPCAD	MIL-PERS-CLASS-AD	1	X	65	65
	PLVLSN	PAY-LEVEL-SER-NBR	2	X	66	67
	OPADD	OPERATOR-ID-EEC-ADD	9	X	68	76
	DTADD	DATE-DATA-ADDED	8	X	77	84
	OPLMOD	OPERATOR-ID-LAST-MOD	9	X	85	93
	DTLMOD	DATE-LAST-MOD	8	X	94	101
	TMLMOD	TIME-LAST-MOD	6	X	102	107
EPC-T	SSN	SSN	9	X	1	9
	RECSTA	REC-STAT	1	X	10	10
	DTARR	DATE-ARR-SM	8	X	11	18
	DTDPRT	DATE-DPRT-SM	8	X	19	26
	PREUIC	PREV-UIC	6	X	27	32
	PRESD	PREV-SVC-DSG	1	X	27	27
	PREUPC	PEEV-UPC	5	X	28	32
	PREPUD	PREV-PRNT-ORG-DSG	3	X	28	30
	PREDD	PREV-DSCRTV-DSG	2	X	31	32
	RGTAAI	REGT-AFFIL-ASG-INDIC	1	X	33	33
	RSGRSN	RSG-RSN	2	X	34	35
	RSGTYP	RSG-TYPE	2	X	36	37
	OPADD	OPERATOR-ID-EEC-ADD	9	X	38	46
	DTADD	DATE-DATA-ADDED	8	X	47	54
	OPLMOD	OPERATOR-ID-LAST-MOD	9	X	55	63
	DTLMOD	DATE-LAST-MOD	8	X	64	71
	TMLMOD	TIME-LAST-MOD	6	X	72	77
EPF-T	SSN	SSN	9	X	1	9
	RECSTA	REC-STAT	1	X	10	10
	SFPAST	SFPA-STAT	10	X	11	20
	DTSFPA	DATE-REPT-SFPA	8	X	11	18
	SFPARS	SFPA-RSN	1	X	19	19
	TSFPAR	TYPE-SFPA-REPT	1	X	20	20
	OPADD	OPERATOR-ID-REC-ADD	9	X	21	29
	DTADD	DATE-DATA-ADDED	8	X	30	37
	OPLMOD	OPERATOR-ID-LAST-MOD	9	X	38	46
	DTLMOD	DATE-LAST-MOD	8	X	47	54

ENLISTED DATABASE

TABLE NAME	FIELD NAME	DESCRIPTION	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
EPG-T	TMLMOD	TIME-LAST-MOD	6	X	55	60
	PWCPCD	PREV-WCP-COMPL-DATE	8	X	61	68
	SSN	SSN	9	X	1	9
	RECSTA	REC-STAT	1	X	10	10
	DTLAPC	DATE-LAST-ACCT-PCS	8	X	11	18
	DTADD		7	X	19	25
	DTDEL		7	X	26	32
	DTMOD		7	X	33	39
	TMMOD		6	X	40	45
	OPADD		9	X	46	54
	OPDEL		9	X	55	63
	OPMOD		9	X	64	72
	MDTC	MOVMNT-DSC-TVL-CAT	2	X	73	74
	MDFY	MOVMNT-DSC-FY	4	X	75	78
EPK-T	SSN	SSN	9	X	1	9
	RECSTA	REC-STAT	1	X	10	10
	OSASD	OS-ASG-START-DATE	8	X	11	18
	OSAED	OS-ASG-END-DATE	8	X	19	26
	NBRMOA	NBR-MO-OS-ASG	2	X	27	28
	TRCMST	TOUR-COMPL-STAT	1	X	29	29
	OSATT	OS-ASG-TOIJR-TYP-CD	1	X	30	30
	DTDPAR	DATE-DEPN-ARR-OS	8	X	31	38
	NBRCSO	NBR-COMD-SPONS-DEPN	2	X	39	40
	NISDEP	NBR-IND-SPONS-DEPN	2	X	41	42
	OPADD	OPERATOR-ID-REC-ADD	9	X	43	51
	DTADD	DATE-DATA-ADDED	8	X	52	59
	OPLMOD	OPERATOR-ID-LAST-MOD	9	X	60	68
	DTLMOD	DATE-LAST-MOD	8	X	69	76
EPL-T	TMLMOD	TIME-LAST-MOD	6	X	77	82
	CNTOSA	CNTRY-OS-ASG	2	X	83	84
	DEPTVL	OS-DEP-TVL-CD	1	X	85	85
	SSN	SSN	9	X	1	9
	RECSTA	REC-STAT	1	X	10	10
	LANG	LANG-IDENT	2	X	11	12
	YMPTL	YR-MO-PROF-TEST-LANG	6	X	13	18
	LLISEM	LANG-LISTEN-EVAL-METHD	1	X	19	19
	RLSPR	LANG-LISTEN-PROF-LVL	2	X	20	21
	LLSPSC	LANG-LISTEN-PROF-SCORE	2	X	22	23
	LLPSC	LANG-LISTEN-PROF-SCORE-TYPE	1	X	24	24
	LRDGEM	LANG-READ-EVAL-METHD	1	X	25	25
	RLRPR	LANG-READ-PROF-LVL	2	X	26	27
	LRDPSC	LANG-READ-PROF-SCORE	2	X	28	29
LRPSC	LANG-READ-PROF-SCORE-TYPE	1	X	30	30	
EPM-T	LSPPSC	LANG-SPEAK-PROF-SCORE	2	X	31	32
	LSPPSC	LANG-SPEAK-EVAL-METHD	1	X	33	33
	SLSPR	LANG-SPEAK-PROF-LVL	2	X	34	35
	LANGPS	LANG-PROF-SRC-PRIM	1	X	36	36
	LANGSS	LANG-PROF-SRC-SECD	1	X	37	37
	OPADD	OPERATOR-ID-EEC-ADD	9	X	38	46
	DTADD	DATE-DATA-ADDED	8	X	47	54
	OPLMOD	OPERATOR-ID-LAST-MOD	9	X	55	63
	DTLMOD	DATE-LAST-MOD	8	X	64	71
	TMLMOD	TIME-LAST-MOD	6	X	72	77
	SSN	SSN	9	X	1	9
	RECSTA	REC-STAT	1	X	10	10
	MCRDCC	MIL-CRER-DEV-CRS-COMPL	3	X	11	13
	YRMEC	YR-MIL-EDUC-COMPL	4	X	14	17
OPADD	OPERATOR-ID-REC-ADD	9	X	18	26	
DTADD	DATE-DATA-ADDED	8	X	27	34	
OPLMOD	OPERATOR-ID-LAST-MOD	9	X	35	43	

ENLISTED DATABASE

TABLE NAME	FIELD NAME	DESCRIPTION	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
	DTLMOD	DATE-LAST-MOD	8	X	44	51
	TMLMOD	TIME-LAST-MOD	6	X	52	57
	DTMECC	DATE-MIL-EDUC-CRS-COMPL	8	X	58	65
	DTEDCS	DATE-MIL-EDUC-CRS-START	8	X	66	73
EPO-T	SSN	SSN	9	X	1	9
	RECSTA	REC-STAT	1	X	10	10
	ENPRWV	ENLSTMT-PROHBN-WAVR	2	X	11	12
	OPADD	OPERATOR-ID-REC-ADD	9	X	13	21
	DTADD	DATE-DATA-ADDED	8	X	22	29
	OPLMOD	OPERATOR-ID-LAST-MOD	9	X	30	38
	DTLMOD	DATE-LAST-MOD	8	X	39	46
	TMLMOD	TIME-LAST-MOD	6	X	47	52
EPQ-T	SSN	SSN	9	X	1	9
	RECSTA	REC-STAT	1	X	10	10
	SQIEN	SQI-ENLD	1	X	11	11
	DTSQIE	DATE-SQI-ENLD	8	X	12	19
	SQIPRI	SQI-PRTY-NBR	2	X	20	21
	OPADD	OPERATOR-ID-REC-ADD	9	X	22	30
	DTADD	DATE-DATA-ADDED	8	X	31	38
	OPLMOD	OPERATOR-ID-LAST-MOD	9	X	39	47
	DTLMOD	DATE-LAST-MOD	8	X	48	55
	TMLMOD	TIME-LAST-MOD	6	X	56	61
	SKLCHR	SKILL-CHG-RSN	1	X	62	62
EPR-T	SSN	SSN	9	X	1	9
	VSSSN	VSSSN	1	X	10	10
	NAME	NAME-IND	27	X	11	37
	RECSTA	REC-STAT	1	X	38	38
	PAYGRA	PAY-GR-AA	3	X	39	41
	MPCAD	MIL-PERS-CLASS-AD	1	X	39	39
	PLVLSN	PAY-LEVEL-SER-NBR	2	X	40	41
	MPARSN	MAJ-PERS-ACTION-RSN	2	X	42	43
	MPATYP	MAJ-PERS-ACTION-TYPE	2	X	44	45
	MPADT	MAJ-PERS-ACTION-DATE	8	X	46	53
	UICCA	UIC-ORG-CALL-AD	6	X	54	59
	SDCA	SVC-DSG-ORG-CALL-AD	1	X	54	54
	UPCCA	UPC-ORG-CALL-AD	5	X	55	59
	PUDCA	PRNT-ORG-DSG-ORG-CAL-AD	3	X	55	57
	DDCA	DSCRTV-DSG-ORG-CALL-AD	2	X	58	59
	EFDTCG	EFF-DATE-CURR-GR	8	X	60	67
	PGRAD	PERM-GR-AD	2	X	68	69
	RNKCTY	MIL-RK-CHG-TY-CD	1	X	70	70
	PDOR	PERM-DOR-AD	8	X	71	78
	PRMRCT	PRM-RED-CHG-TRANS	2	X	79	80
	DTPRCT	DATE-PRM-RED-CH-TRANS	8	X	81	88
	YMMOSR	YR-MO-MOS-SKILL-ENLD-RECLR	6	X	89	94
	PCMF	PRIM-CMF	2	X	95	96
	PPSPQE	PRIM-PERS-SPEC-QUAL-ENLD	9	X	97	105
	PMOSEN	PMOS-ENLD	3	X	97	99
	INDSKL	IND-SKILL-LVL	1	X	100	100
	CTSQIE	CON-SQI-ENLD	1	X	101	101
	CTASIE	CON-ASI-ENLD	2	X	102	103
	CTLANG	CON-LANG-IDENT	2	X	104	105
	DTCPME	DATE-CHG-PMOS-ENLD	8	X	106	113
	LCPETR	LAST-CHG-PMOSD-ENLD-TRANS	4	X	114	117
	SMOSEN	SMOS-ENLD	3	X	118	120
	CPMOSE	CPMOS-ENLD	3	X	121	123
	PPMSSE	PROM-MOS-SKILL-ENLD	4	X	124	127
	PRMOSE	PROM-MOS-ENLD	3	X	124	126
	PRSKLV	PROM-SKILL-LVL	1	X	127	127
	PLNYR	PROM-LIST-NBR-YR	14	X	128	141

ENLISTED DATABASE

TABLE NAME	FIELD NAME	DESCRIPTION	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
	PRLSN	PROM-LIST-SEQ-NBR	8	X	128	135
	YMPL	YR-MO-PROM-LIST	6	X	136	141
	CPRMPT	CURR-PRM-PT	4	X	142	45
	YMCPPD	YR-MO-CURR-PRM-PT-DETM	6	X	146	51
	PPRMPT	PREV-PRM-PT	4	X	152	55
	YMPPPD	YR-MQ-PREV-PRM-PT-DETM	6	X	156	61
	DTACD	DATE-ASQ-CURR-DY	8	X	162	69
	DYLPEN	DY-LANC-PRC-ENLD	11	X	170	180
	DMOSD	DMOSD-ENLD	5	X	170	174
	DMOSKE	DMOS-SKILL-ENLD	4	X	170	173
	DYMOSE	DMOS-ENLD	3	X	170	172
	DYSKL	DY-SKILL-LVL	1	X	173	173
	DYSQIE	DY-SQI-ENLD	1	X	174	174
	FDASIE	FIRST-DY-ASI-ENLD	2	X	176	176
	SDASIE	SECD-DY-ASI-ENLD	2	X	177	178
	DYLANG	DY-LANG-IDENT	2	X	179	180
	CUDEDP	CURR-DSG-DY-PERF	24	X	181	204
	CPONBR	CTJRR-ASG-POSN-NBR	4	X	205	208
	CRPNER	CURR-ASG-PARA-NBR	4	X	209	212
	CLNNBR	CURR-ASG-LINE-NBR	3	X	213	215
	PJMOSD	PROJ-MOSD-ENLD	4	X	216	219
	PJMOSE	ROJ-MOS-ENLD	3	X	216	218
	PJSKLV	RQJ-SKILL-LVL	1	X	219	219
	PJMRSN	RSN-PROJ-MOS-ENLD	1	X	220	220
	YMPJMA	YR-MO-PROJ-MOS-ENLD	6	X	221	226
	CURUIC	CURR-UIC	6	X	227	232
	CURSD	CURR-SVC-DSG	1	X	227	227
	CURUPC	CUPR-UPC	5	X	228	232
	CURPUD	CURR-PRNT-ORG-DSG	3	X	228	230
	CURDD	CURR-DSCRTV-DSG	2	X	231	232
	RPLUAS	REPLMNT-UNIT-ASG-STAT	1	X	233	233
	DTARR	DATE-ARR-SM	8	X	234	241
	DTLRSG	DATE-LATEST-RSG-TRANS	8	X	242	249
	LRSGTR	LATEST-RSG-TRANS	4	X	250	253
	RSGRSN	RSG-RSN	2	X	254	255
	RSGTYP	RSG-TYPE	2	X	256	257
	MDTC	MOVMNT-DSG-TVL-CAT	2	X	258	259
	DTLAPC	DATE-LAST-ACCT-PCS	8	X	261	268
	CONIND	ONUS-TJNIT-INDIC	1	X	269	269
	UNTCA	UNIT-COMD-ASG	2	X	270	271
	DTJCMD	DATE-JOIN-COMD	8	X	272	279
	PSC	PSC	4	X	280	283
	ARLOCH	UNIT-HOME-ARMY-LOC	5	X	284	288
	ARLOCC	UNIT-CURR-ARMY-LOC	5	X	289	293
	DML	DIST-MGT-LVL	3	X	294	29.6
	DMSL	DIST-MGT-SUB-LVL	3	X	297	299
	PPA	PPA	2	X	300	301
	DPLCNY	DEPLOY-CNTRY-CD	2	X	302	303
	DTEDPL	DEPLOY-DT	8	X	304	311
	DTPRDE	DEPLOY-PROJ-RTN-DT	8	X	312	319
	PGUIC	POT-GAIN-UIC	6	X	320	325
	PGSD	POT-GAIN-SVC-DSG	1	X	320	320
	PGUPC	POT-GAIN-UPC	5	X	321	325
	PGPUD	POT-GAIN-PRNT-ORG-DSG	3	X	321	323
	PGDD	POT-GAIN-DSCRTV-DSG	2	X	324	325
	PGNPPA	POT-GAIN-PPA	2	X	326	327
	DTDPRT	DATE-DPRT-SM	8	X	328	335
	PRMDTC	PREV-MOVNNT-DSG-TVL-CAT	2	X	336	337
	DLVACR	DAYS-LV-AUTH-CURR-RSG	2	X	340	341
	DTDACR	DAYS-TDY-AUTH-CURR-RSG	3	X	342	344

ENLISTED DATABASE

TABLE NAME	FIELD NAME	DESCRIPTION	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
	DTCPRP	CURR-PRESB-REPT-DATE	8	X	345	352
	RGTAFF	REGT-AFFIL	6	X	353	358
	RGAAST	REQT-AFFIL-ASG-STAT	1	X	359	359
	RGTAHB	RECT-AFFIL-HOMEBASE	2	X	360	361
	DTCMRG	DATE-COMM-CURR-REGT-ASG	8	X	362	369
	YRRAAC	YR-LAST-REGT-AFFIL-COMPL	4	X	370	373
	NRGAFA	NBR-REGT-AFFIL-ASG	1	X	374	374
	DTATCH	DATE-ATCH	8	X	375	382
	UICAT	UIC-ATCH	6	X	383	388
	SDAT	SVC-DSG-ATCH	1	X	383	383
	UPCAT	UPC-ATCH	5	X	384	388
	PUDAT	PRNT-ORG-DSG-ATCH	3	X	384	386
	DDAT	DSCRTV-DSG-ATCH	2	X	387	388
	AEA	AEA	1	X	389	389
	YMAEAT	YR-MO-AEA-TEPM	6	X	390	395
	ORAGST	OO-ASG-STAT	1	X	396	396
	DTOOAS	OO-DATE-ASO-STAT	8	X	397	404
	ACACNB	ASG-CAT-CON-NBR	4	X	405	408
	CMAAEN	CAREER-MGT-AUTHTY-AD-ENLD	1	X	409	409
	YMROST	YR-MO-RTN-LAST-COMPL-SHORT-TR	6	X	410	415
	NOLOT	NBR-OS-LONG-TOURS	1	X	416	416
	NOSOT	NBR-OS-SHORT-TOURS	1	X	417	417
	ALCST	AREA-LAST-COMPL-OS-SHORT-TOUR	2	X	418	419
	DCOST	DATE-COMM--CURR-OS-TOUR	8	X	420	427
	OSATT	OS-ASG--TOUR-TYP-CD	1	X	428	428
	DTDPA	DATE-DEPN-ARR-OS	8	X	429	436
	NBRCSO	NBR-COMD-SPONS-DEPN	2	X	437	438
	NISDEP	NBR-IND-SPONS-DEPN	2	X	439	440
	DEROS	DEROS	8	X	441	448
	HAAPIN	HAAP-INSTALL	2	X	449	450
	HBASMT	HOMEBASE-ADV-ASG	1	X	451	451
	PHAAPD	PJ-HAPP-ISS-YMDT	6	X	452	457
	HAPASG	HAAP-INDIC	1	X	458	458
	DTPSIC	DATE-PSINVES-COMPL	8	X	459	466
	DTPSII	DATE-PSINVES-INIT	8	X	467	474
	DTPDP	DATE-FLD-DETM-PSSTAT	8	X	475	482
	FDPSTA	FLD-DETM-PSSTAT	1	X	483	483
	DDPSTA	DEPT-DETM-PSSTAT	1	X	484	484
	PSIC	PSINVES-COMPL	1	X	485	485
	PSII	PSINVES-INIT	1	X	486	486
	PRPAS	PRP-ASG-STAT	1	X	487	487
	PRPRS	PRP-RQMT-STAT	1	X	488	488
	PRPMSQ	PRP-MOS-QUAL	1	X	489	489
	CTZUSO	CTZSP-STAT-US-ORGN	1	X	490	490
	CNTCTZ	CNTRY-CTZSP	2	X	491	492
	CITYBR	CITY-BIRTH	17	X	493	509
	CTYBR	CO-BIRTH	5	X	510	514
	STBR	STATE-BIRTH	2	X	515	516
	CNTBIR	CNTRY-BIRTH	2	X	517	518
	CNTEAD	CNTRY-HOR-EAD	2	X	519	520
	STHRED	STATE-HOR-EAD	2	X	521	522
	CFWEAD	CNTRY-EAD	2	X	523	524
	STEAD	STATE-EAD	2	X	525	526
	ADSTRM	ADDR-STREET-MAIL	29	X	527	555
	ADSTCM	ADDR-STREET-CONT-MAIL	29	X	556	584
	ADCTYM	ADDR-CITY-MAIL	17	X	585	601
	ADSTM	ADDR-STATE-MAIL	2	X	602	603
	GTYPOM	GTWY-PO-MAIL	1	X	604	604
	GYPOAM	GTWY-PO-AREA-MAIL	2	X	605	606
	ADZIPM	ADDR-ZIP-CODE-MAIL	9	X	607	615

ENLISTED DATABASE

TABLE NAME	FIELD NAME	DESCRIPTION	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
	DTLPE	DATE-LAST-PHYS-EXAM	8	X	616	623
	HGTIND	HGT-IND	2	X	624	625
	WTIND	WT-IND	3	X	626	628
	MEPSCP	MIL-ENTRNC-PHYS-STR-CAP	3	X	629	631
	PHYC	PHYS-CAT	1	X	632	632
	PHPFAC	PHYSCL-PROFILE-FCTR	6	X	633	638
	PHCP	PSYSCL-CAPCTY-RTNG	1	X	633	633
	UPEX	UPPER-EXTREMITIES-RTNG	1	X	634	634
	LOEX	LWR-EXTREMITIES-RTNG	1	X	635	635
	HRNG	HRNG-RTNG	1	X	636	636
	VIS	VISION-RTNG	1	X	637	637
	PSYC	PSYCH-RTNG	1	X	638	638
	PPPMR	PHYS-PRFL-PMOS-MATCH-RESULT	1	X	639	639
	BODFSA	BODY-FAT-STD-ACC	1	X	640	640
	YMIWCP	YR-MO-IND-WT-CON-PRFL-DETM	6	X	641	646
	APFTR	APFT-RESULT	1	X	647	647
	APFTSC	APFT-SCORE	3	X	648	650
	YMAPFT	YR-MO-APFT-ADMIN	6	X	651	656
	RIAPFT	RSN-INELIG-APFT	1	X	657	657
	AFQTPS	AFQT-PCTL	2	X	658	659
	AFQTSG	AFQT-PCTL-GRP-CD	1	X	660	660
	VEGIBS	VIETNAM-ERA-GIB-ELIB-STAT	1	X	661	661
	VEAP	VET-EDUC-ASSIS-PROG	1	X	662	662
	DTDMEA	DATE-DECLAR-MGIB-ENROLL-AD	8	X	663	670
	ACFGIA	ACF-MGIB-INCR-BASIC-BNFT-AD	1	X	671	671!
	MGIBSA	MGIB-ELIG-STAT-AD	1	X	672	672
	MEL	MIL-EDUC-LVL	1	X	673	673
	MES	MIL-EDUC-STAT	1	X	674	674
	CELC	CIV-EDUC-LEVEL-COMPL	1	X	675	675
	NYRCEC	NBR-YRS-CIV-EDUC-COMPL	2	X	676	677
	PERSSS	PERS-STR-STAT	2	X	678	679
	PMOBC	PERS-MOB-CAT	1	X	680	680
	SCOMPT	SVC-COMP	1	X	681	681
	RACPOP	RACE-POP-GRP	1	X	682	682
	ETHGRP	ETH-GRP	1	X	683	683
	REDCAT	REDCAT	1	X	684	684
	DEPNBR	DEPN-NBR	2	X	685	686
	CARST	CAREER-STAT	1	X	687	687
	MARST	MARTL-STATS	1	X	688	688
	NDEPA	NER-DEPN-ADULTS	2	X	689	690
	NDEPNC	NBR-DEPN-CHILDN	2	X	691	692
	RELDEN	REL-DENOM	2	X	693	694
	SEX	SEX	1	X	695	695
	TOSAD	TOS-AD	1	X	696	696
	BASD	BASD	8	X	697	704
	BESD	BESD	8	X	705	712
	DIEMS	DATE-INIT-ENTRY-MIL-SVC	8	X	713	720
	DOB	DOB	8	X	721	728
	DROS	DROS	8	X	729	736
	DTEEPD	DATE-END-ER-PD	8	X	737	744
	DTEGCM	DATE-ELIG-GCMDL	8	X	745	752
	PEBD	PEBD	8	X	753	760
	PYMDS	PROJ-YR-MO-DPRT-SM	6	X	761	766
	SRETDT	SCHED-RET-DT	8	X	769	776
	YMHVSC	YR-MO-EIV-SCRN-TEST-LAST-ADMIN	6	X	777	782
	YMLOPH	YR-MO-LAST-OFL-PHOTO	6	X	783	788
	DTETS	DATE-ETS	8	X	789	796
	MILSP	MILSPOUSE	12	X	797	808
	DODSPS	DOD-COMP-MIL-SPSE	1	X	797	797
	MPCSP	MIL-PERS-CLASS-MIL-SPSE	1	X	798	798

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TABLE NAME	FIELD NAME	DESCRIPTION	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
	SVMSP	SVC-COMP-MIL-SPSE	1	X	799	799
	SSNSPS	SSN-SPSE	9	X	800	808
	CNTBSP	CNTRY-BIRTH-SPSE	2	X	809	810
	CNTCSP	CNTRY-CTZSP-SPSE	2	X	811	812
	STBRSP	STATE-BIRTH-SPSE	2	X	813	814
	ENLOP	ENLSTMT-OPTN-RA	4	X	815	818
	ENLCMT	ENLSTMT-CMTMNT-LOC	4	X	819	822
	DTCRNL	DATE-CURR-REENL	8	X	823	830
	DTENLR	DATE-ENL-BONUS-ELIG-ESTB	8	X	831	838
	OBMOSE	OBLG-BONUS-MOS-ENLD	3	X	839	841
	REBNPL	REENL-BONUS-PAY-LEVEL	2	X	842	843
	RENLOP	REENL-OPTN-RA	4	X	844	847
	ERBDSG	ENLSTMT-RZENL-EONUS-DSG	3	X	848	850
	SREZRA	SRB-ZONE-RA	1	X	848	848
	ADPYTY	ADD-PAY-TYPE	2	X	849	850
	YNEBTR	YR-MO-ENL-BNS-TERM-RA	6	X	851	856
	ENREBP	ENLSTMT-REENL-BONUS-PMT	1	X	857	857
	MCENBN	MNTHS-CURR-ENLSTMT-BONUS	2	X	858	859
	NBRREN	NBR-REENL	1	X	860	860
	DTXENL	DATE-CURR-XTNSN-ENLSTMT	8	X	861	868
	NOENLX	NBR-MO-ENLSTMT-XTNSN	3	X	869	871
	PRDUIC	PRE-DPL-UIC	6	X	872	877
	PRDSD	PRE-DPL-SVC-DSG	1	X	872	872
	PRDUPC	PRE-DPL-UPC	5	X	873	877
	PRDPIJD	PRE-DPL-PRNT-ORG-DSG	3	X	873	875
	PRDDD	PRE-DPL-DSCRTV-DSG	2	X	876	877
	RLTCSV	RSN-LOST-TIME-CSVC	1	X	878	878
	DTSLTC	DATE-ST-LOST-TIME-CSVC	8	X	879	886
	CHRSVC	CHAR-SVC	1	X	887	887
	DOS	DOS	8	X	888	895
	DLSEPR	DELAY-SEP-RSN	1	X	896	896
	EATRDT	EARLY-TRANSTN-DATE	8	X	897	904
	SEPDOC	SEPN-DOC-ISSUED	1	X	905	905
	SEPDEM	SEP-PROG-DESIG-MIL	3	X	906	908
	SEPTYM	SEP-TYPE-MIL	1	X	906	906
	SEPRSM	SEP-PEN-MIL	2	X	907	908
	SEPTR	SEP-TRANS	4	X	909	912
	REELRA	REENL-ELIG-RA	2	X	913	914
	SEPTCN	SEPN-TRANS-CON-NBR	3	X	915	917
	SGLICO	SGLI-COVG	2	X	918	919
	EADCTR	EAD-CURR-TRANS	4	X	920	923
	DTEADC	DATE-EAD-CURR	8	X	924	931
	LASTTR	LAST-TRANS	4	X	932	935
	DTLTR	DATE-LAST-TRANS	8	X	936	943
	LATOST	LAST-TOS-TRANS	4	X	944	947
	DLTOST	DATE-LAST-TOS-TRANS	8	X	948	955
	YMSTDA	YR-MO-STR-DATA-AUDIT	6	X	956	961
	STRDAT	STR-DATA-AUDIT	2	X	962	963
	FLDCAU	DATA-FLD-CHG-AUD	32	X	964	995
	ENLVAR	ENLSTMT-LEN-VAR	2	X	996	997
	OPADD	OPERATOR-ID-REC-ADD	9	X	998	1006
	DTADD	DATE-DATA-ADDED	8	X	1007	1014
	OPLMOD	OPERATOR-ID-LAST-MOD	9	X	1015	1023
	DTLMOD	DATE-LAST-MOD	8	X	1024	1031
	TMLMOD	TIME-LAST-MOD	6	X	1032	1037
	EFDTCS	EFF-DATE-CON-SQI-ENLD	8	X	1038	1045
	EFDTCL	EFF-DATE-CON-LANG-IDENT	8	X	1046	1053
	EFDTEV	EFF-DATE-ENLSTMT-LEN-VAR	8	X	1054	1061
	EFDTSC	EFF-DATE-SVC-COMP	8	X	1062	1069
	EFDTTS	EFF-DATE-TOSAD	8	X	1070	1077

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TABLE NAME	FIELD NAME	DESCRIPTION	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
	CVEDCC	CIV-EDUC-CERT-CONPL	1	X	1078	1078
	YRCELV	YR-CIV-EDUC-LVL-COMPL	4	X	1079	1082
	AMCPDT	AMCP-ENRL-APL-DT	8	X	1083	1090
	MEPSTA	MEPS-CD	3	X	1091	1093
	PACTDR	PRI-ACT-DISPT-REC	1	X	1094	1094
	EXRROD	EXPIR-RDY-RES-OBLG-DATE	8	X	1095	1102
	EXSMOD	EXPIR-STAT-MIL-OBLG-DATE	8	X	1103	1110
	AMOSEN	AMOS-ENTD	3	X	1111	1113
	PMOSDT	PMOS-AWARD-DT	8	X	1114	1121
	SMOSDT	SMOS-AWARD-DT	8	X	1122	1129
	AMOSDT	AMOS-AWARD-DT	8	X	1130	1137
	FACNTM	FORN-ADDR-CNTRY-MAIL	2	X	1138	1139
	FAPNRM	FORN-ADDR-POSTAL-NBR-MAIL	10	X	1140	1149
	ASNJIN	ASNJ-INDIC	1	X	1150	1150
	RNKCRS	MIL-RNK-CH-RSN-CD	1	X	1151	1151
	DTETSC	DATE-ETS-CHG	8	X	1152	1159
	MDFY	MOVMT-DSG-FY	4	X	1160	1163
	PRMDFY	PREV-MOVMT-DSG-FY	4	X	1164	1167
	DTASIE	DATE-ASI-ENLD	8	X	1168	1175
	MPAPPC	MAJ-PERS-ACT-PREV-MIL-PERS-CLS	1	X	1176	1176
	MPAPOI	MAJ-PERS-ACT-PREV-ORG-IDENT	1	X	1177	1177
	MPAMPC	MAJ-PERS-ACTION-MIL-PERS-CLASS	1	X	1178	1178
	MPAORG	MAJ-PERS-ACTION-ORG-IDENT	1	X	1179	1179
	PYMAEA	PREV-YRMO-AEA	6	X	1180	1185
	PREAEA	PREV-AEA	1	X	1186	1186
	DEPTVL	OS-DEP-TVL-CD	1	X	1187	1187
EPS-T	SSN	SSN	9	X	1	9
	RECSTA	REC-STAT	1	X	10	10
	ASIEN	ASI-ENLD	2	X	11	12
	DTASIE	DATE-ASI-ENLD	8	X	13	20
	OPADD	OPERATOR-ID-REC-ADD	9	X	21	29
	DTADD	DATE-DATA-ADDED	8	X	30	37
	OPLMOD	OPERATOR-ID-LAST-MOD	9	X	38	46
	DTLMOD	DATE-LAST-MOD	8	X	47	54
	TMLMOD	TIME-LAST-MOD	6	X	55	60
EPT-T	SSN	SSN	9	X	1	9
	RECSTA	REC-STAT	1	X	10	10
	ODINME	OBS-DATA-ITEM-NAME	30	X	11	40
	ODVLUE	OBS-DATA-VAL	10	X	41	50
	DTADD		7	X	51	57
	DTDEL		7	X	58	64
	DTMOD		7	X	65	71
	TMMOD		6	X	72	77
	OPADD		9	X	78	86
	OPDEL		9	X	87	95
	OPMOD		9	X	96	104
EPW-T	SSN	SSN	9	X	1	9
	RECSTA	REC-STAT	1	X	10	10
	IMREPR	IMMED-REENL-PROHBN	2	X	11	12
	RBARDT	REENL-BAR-DATE	8	X	13	20
	OPADD	OPERATOR-ID-REC-ADD	9	X	21	29
	DTADD	DATE-DATA-ADDED	8	X	30	37
	OPLMOD	OPERATOR-ID-LAST-MOD	9	X	38	46
	DTLMOD	DATE-LAST-MOD	8	X	47	54
	TMLMOD	TIME-LAST-MOD	6	X	62	67
EPX-T	SSN	SSN	9	X	1	9
	ESEPTY	EARLY-SEP-PROC-TYPE	1	X	10	10
	SRECDT	DATE-SEP-APPL-RCVD	8	X	11	18
	SAPRDT	DATE-SEP-APPL-APPROVED	8	X	19	26
	ASEPDT	DATE-PROJ-SEP	8	X	27	34

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TABLE NAME	FIELD NAME	DESCRIPTION	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
EPY-T	ESEPST	EARLY-SEP-PROG-APPL-STAT	1	X	35	35
	DTADD	DATE-DATA-ADDED	8	X	36	43
	TMRCES	TIME-REC-ESTB	6	X	44	49
	OPADD	OPERATOR-ID-REC-ADD	9	X	50	58
	OPLMOD	OPERATOR-ID-LAST-MOD	9	X	59	67
	DTLMOD	DATE-LAST-MOD	8	X	68	75
	TMLMOD	TIME-LAST-MOD	6	X	76	81
	SSN	SSN	9	X	1	9
	RECSTA	REC-STAT	1	X	10	10
	ADPYCT	ADD-PAY-CAT	1	X	11	11
	ADPYTY	ADD-PAY-TYPE	2	X	12	13
	SDAPCT	T-SDAP-CAT	1	X	14	14
	SPLANG	SP-PAY-LANG	2	X	15	16
	DTADPY	DATE-ADD-PAY	8	X	17	24
EPZ-T	OPADD	OPERATOR-ID-REC-ADD	9	X	25	33
	DTADD	DATE-DATA-ADDED	8	X	34	41
	OPLMOD	OPERATOR-ID-LAST-MOD	9	X	42	50
	DTLMOD	DATE-LAST-MOD	8	X	51	58
	TMLMOD	TIME-LAST-MOD	6	X	59	64
	SSN	SSN	9	X	1	9
	RECSTA	REC-STAT	1	X	10	10
	RLTCSV	RSN-LOST-TIME-CSVC	1	X	11	11
	DTSLTC	DATE-ST-LOST-TIME-CSVC	8	X	12	19
	DTELTC	DATE-END-LOST-TIME-CSVC	8	X	20	27
	OPADD	OPERATOR-ID-REC-ADD	9	X	28	36
	DTADD	DATE-DATA-ADDED	8	X	37	44
	OPLMOD	OPERATOR-ID-LAST-NOD	9	X	45	53
	DTLMOD	DATE-LAST-MOD	8	X	54	61
EQA-T	TMLMOD	TINE-LAST-MOD	6	X	62	67
	LTST	LOST-TIME-START-TRANS	2	X	68	69
	LTET	LOST-TIME-END-TRANS	2	X	70	71
	MLDYST	MIL-DY-STAT-AB	3	X	72	74
	SSN	SSN	9	X	1	9
	RECSTA	REC-STAT	1	X	10	10
	AWDCAT	AWDCAT	8	X	11	18
	DTAWD	DATE-AWARD	8	X	19	26
	BMKQBC	BASIC-MKS-QUAL-BAD-CLASS	1	X	27	27
	OPADD	OPERATOR-ID-REC-ADD	9	X	28	36
	DTADD	DATE-DATA-ADDED	8	X	37	44
	OPLMOD	OPERATOR-ID-LAST-MOD	9	X	45	53
	DTLMOD	DATE-LAST-MOD	8	X	54	61
	TMLMOD	TIME-LAST-MOD	6	X	62	67
EQC-T	SSN	SSN	9	X	1	9
	RECSTA	REC-STAT	1	X	10	10
	ASGRMK	ASG-RMK	256	X	11	266
	OPADD	OPERATOR- ID-EEC-ADD	9	X	564	572
	DTADD	DATE -DATA-ADDED	8	X	573	580
	OPLMOD	OPERATOR-ID-LAST-MOD	9	X	581	589
	DTLMOD	DATE -LAST-MOD	8	X	590	597
	TMLMOD	TIME -LAST-MOD	6	X	598	603
	SSN	SSN	9	X	1	9
	RECSTA	REC- STAT	1	X	10	10
	DCSTC	DUAL-SVC-COMP-STAT-INDIC	9	X	1	9
	GRDRES	GR-RES	2	X	11	11
	DCOERD	DUAL-COMP-OER-DATE	8	X	14	21
	EQD-T	OPADD	OPERATOR- ID-EEC-ADD	9	X	22
DTADD		DATE -DATA-ADDED	8	X	31	38
OPLMOD		OPERATOR-ID-LAST-MOD	9	X	39	47
DTLMOD		DATE-LAST-MOD	8	X	48	55
TMLMOD		TIME-LAST-MOD	6	X	56	61

ENLISTED DATABASE

TABLE NAME	FIELD NAME	DESCRIPTION	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END	
EQE-T	SSN	SSN	9	X	1	9	
	RECSTA	REC-STAT	1	X	10	10	
	EDUCAT	CIV-EDUC-CAT	1	X	11	11	
	CVEDC	CIV-EDUC-CERT	6	X	18	23	
	CELC	CIV-EDUC-LEVEL-COMPL	1	X	13	13	
	CEDG	CIV-EDUC-DEG	4	X	14	17	
	CVEDI	CIV-EDUC-INSTUT	6	X	18	23	
	MSAE	MAJ- SUBJ-ADV-EDUC	3	X	24	26	
	MSEAE	MAJ-SUBJ-EQUIV-ADV-EDUC	1	X	27	27	
	YRCEC	YR-CIV-EDUC-LEVEL	4	X	28	31	
	CVECF	CIV-EDUC-CERT-FUNDNG-SRCE	1	X	32	32	
	OPADD	OPERATOR- ID-EEC-ADD	9	X	33	41	
	DTADD	DATE -DATA-ADDED	8	X	42	49	
	OPLMOD	OPERATOR- ID-LAST-MOD	9	X	50	58	
	DTLMOD	DATE-LAST-MOD	8	X	59	66	
	TMLMOD	TIME-LAST-MOD	6	X	67	72	
	EQF-T	SSN	SSN	9	X	1	9
RECSTA		REC-STAT	1	X	10	10	
INDPDI		IND-PDI	9	X	11	19	
PDSI		PDSI	3	X	11	13	
YMPDSA		YR-MO-PDSI-AWD	6	X	14	19	
OPADD		OPERATOR-ID-REC-ADD	9	X	20	28	
DTADD		DATE-DATA-ADDED	8	X	29	36	
OPLMOD		OPERATOR- ID-LAST-MOD	9	X	37	45	
DTLMOD		DATE-LAST-MOD	8	X	46	53	
TMLMOD		TIME-LAST—MOD	6	X	54	59	
EQH-T		SSN	SSN	9	X	1	9
	RECSTA	REC-STAT	1	X	10	10	
	OCRNBR	OCCUR-NBR	2	X	11	12	
	RECDV	REC-PROF-DEV	3	X	13	15	
	RPSNOL	RECMD-POSN-ORG-LVL	1	X	13	13	
	RPSNTY	RECMD-POSN-TYPE	1	X	14	14	
	RCDEV	RECMD-CAREER-DEV	1	X	15	15	
	OPADD	OPERATOR-ID-REC-ADD	9	X	16	24	
	DTADD	DATE-DATA-ADDED	8	X	25	32	
	OPLMOD	OPERATOR-ID-LAST-MOD	9	X	33	41	
	DTLMOD	DATE-LAST-MOD	8	X	42	49	
	TMLMOD	TIME-LAST-MOD	6	X	50	55	
	EQI-T	SSN	SSN	9	X	1	9
		RECSTA	EEC-STAT	1	X	10	10
MOSLTE		MOS-LAST-TEST-ENLD	3	X	11	13	
SKLTST		SKILL-LEVEL-LAST-TEST	1	X	14	14	
SDTYMD		SDT-COMPL-YMDT	6	X	15	20	
SDTPSN		SDT-SCR-PCTL-NR	2	X	21	22	
SDTSCR		SDT-SCR-QY	3	X	23	25	
OPADD		OPERATOR-ID-REC-ADD	9	X	26	34	
DTADD		DATE-DATA-ADDED	8	X	35	42	
OPLMOD		OPERATOR-ID-LAST-MOD	9	X	43	51	
DTLMOD		DATE-LAST-MOD	8	X	52	59	
TMLMOD		TIME-LAST-MOD	6	X	60	65	
SDTNPR		SDT-NONPART-RSN-CD	1	X	66	66	
EQJ-T		SSN	SSN	9	X	1	9
	RECSTA	REC-STAT	1	X	10	10	
	ASCAAS	AS-CA-APT-STD-SCR	3	X	11	13	
	ASCOAS	AS-CO-APT-STD-SCR	3	X	14	16	
	ASELAS	AS-EL-APT-STD-SCR	3	X	17	19	
	ASFAAS	AS-FA-APT-STD-SCR	3	X	20	22	
	ASFOAS	AS-FO-APT-STD-SCR	3	X	23	25	
	ASGMAS	AS-GM-APT-STD-SCR	3	X	26	28	
	ASGTAS	AS-GT-APT-STD-SCR	3	X	29	31	

ENLISTED DATABASE

TABLE NAME	FIELD NAME	DESCRIPTION	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
	ASMMAS	AS-MM-APT-STD-SCR	3	X	32	34
	ASVTAS	AS-ST-APT-STD-SCR	3	X	35	37
	ASVCAS	AS-SC-APT-STD-SCR	3	X	38	40
	ASVLT	PER-TEST-TYP-CD	2	X	41	42
	YMAPTA	YR-MO-ARMY-PERS-TEST-ADMIN	6	X	43	48
	OPADD	OPERATOR-ID-REC-ADD	9	X	49	57
	DTADD	DATE-DATA-ADDED	8	X	58	65
	OPLMOD	OPERATOR-ID-LAST-MOD	9	X	66	74
	DTLMOD	DATE-LAST-MOD	8	X	75	82
	TMLMOD	TIME-LAST-MOD	6	X	83	88
EQM-T	SSN	SSN	9	X	1	9
	RECSTA	REC-STAT	1	X	10	10
	TPNSNO	TRANS-NUMBER	4	X	11	14
	DTCPME	DATE-CHG-PMOS-ENLD	8	X	15	22
	PMOSEN	PMOS-ENLD	3	X	23	25
	OPADD	OPERATOR-ID-REC-ADD	9	X	26	34
	DTADD	DATE-DATA-ADDED	8	X	35	42
	OPLMOD	OPERATOR-ID-LAST-MOD	9	X	43	51
	DTLMOD	DATE-LAST-MOD	8	X	52	59
	TMLMOD	TIME-LAST-MOD	6	X	60	65
EQN-T	SSN	SSN	9	X	1	9
	RECSTA	REC-STAT	1	X	10	10
	PRENAM	PREV-NAME-IND	27	X	11	37
	OPADD	OPERATOR-ID-EEC-ADD	9	X	38	46
	DTADD	DATE-DATA-ADDED	8	X	47	54
	OPLMOD	OPERATOR-ID-LAST-MOD	9	X	55	63
	DTLMOD	DATE-LAST-MOD	8	X	64	71
	TMLMOD	TIME-LAST-MOD	6	X	72	77
EQO-T	SSN	SSN	9	X	1	9
	RECSTA	REC-STAT	1	X	10	10
	ASVLT	PER-TEST-TYP-CD	2	X	11	12
	APTSCR	APT-SCORE-QY	3	X	13	15
	YMAPTA	YR-MO-AEMY-PER-TEST-ADMIN	6	X	16	21
	OPADD	OPERATOR-ID-REC-ADD	9	X	22	30
	DTADD	DATE-DATA-ADDED	8	X	31	38
	OPLMOD	OPERATOR-ID-LAST-MOD	9	X	39	47
	DTLMOD	DATE-LAST-MOD	8	X	48	55
	TMLMOD	TIME-LAST-MOD	6	X	56	61
EQP-T	SSN	SSN	9	X	1	9
	RECSTA	REC-STAT	1	X	10	10
	PRPGRA	PREV-PERM-GR-AD	2	X	11	12
	PRPDOR	PREV-PERM-DOR-AD	8	X	13	20
	RNKCTY	MIL-RK-CHG-TY-CD	1	X	21	21
	TRNSNO	TRANS-NUMBER	4	X	22	25
	DTPRCT	DATE-PRM-RED-CH-TRANS	8	X	26	33
	OPADD	OPERATOR-ID-REC-ADD	9	X	34	42
	DTADD	DATE-DATA-ADDED	8	X	43	50
	OPLMOD	OPERATOR-ID-LAST-MOD	9	X	51	59
	DTLMOD	DATE-LAST-MOD	8	X	60	67
	TMLMOD	TIME-LAST-MOD	6	X	68	73
	EDPRMR	EFF-DATE-PREV-GRADE	8	X	74	81
	RNKCRS	MIL-RNK-CH-RSN-CD	1	X	82	82
EQV-T	SSN	SSN	9	X	1	9
	RECSTA	REC-STAT	1	X	10	10
	ASCO	ASG-CONS	2	X	11	12
	ASCPRI	ASG-CONS-PRTY-NBR	2	X	13	14
	ASRSCN	ASG-RST-CNTRY-CD	2	X	15	16
	ASRSRN	ASG-CNTRY-RESTR-RSN	1	X	17	17
	OPADD	OPERATOR-ID-REC-ADD	9	X	18	26
	DTADD	DATE-DATA-ADDED	8	X	27	34

ENLISTED DATABASE

TABLE NAME	FIELD NAME	DESCRIPTION	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
	OPLMOD	OPERATOR-ID-LAST-MOD	9	X	35	43
	DTLMOD	DATE-LAST-MOD	8	X	44	51
	TMLMOD	TIME-LAST-MOD	6	X	52	57
EQW-T	SSN	SSN	9	X	1	9
	RECSTA	REC-STAT	1	X	10	10
	OCRNBR	OCCUR-NBR	2	x	11	12
	ORSAP	OS-ASG-PREF	2	X	13	14
	DTOAPS	DATE-OS-ASG-PREF-SUBMTD	8	X	15	22
	OPADD	OPERATOR-ID-REC-ADD	9	X	23	31
	DTADD	DATE-DATA-ADDED	8	X	32	39
	OPLMOD	OPERATOR-ID-LAST-MOD	9	X	40	48
	DTLMOD	DATE-LAST-MOD	8	X	49	56
	TMLMOD	TIME-LAST-MOD	6	X	57	62
EQX-T	SSN	SSN	9	X	1	9
	RECSTA	REC-STAT	1	X	10	10
	OCRNBR	OCCUR-NBR	2	X	11	12
	CONAP	CONUS-ASG-PREF	2	X	13	14
	DTAPSU	DATE-CONUS-ASG-PREF-SUBMTD	8	X	15	22
	OPADD	OPERATOR-ID-PEC-ADD	9	X	23	31
	DTADD	DATE-DATA-ADDED	8	X	32	39
	OPLMOD	OPERATOR-ID-LAST-MOD	9	X	40	48
	DTLMOD	DATE-LAST-MOD	8	X	49	56
	TMLMOD	TIME-LAST-MOD	6	X	57	62
EQZ-T	SSN	SSN	9	X	1	9
	RECSTA	REC-STAT	1	X	10	10
	PVSSN	PREV-SSN	9	X	11	19
	OPADD	OPERATOR-ID-REC-ADD	9	X	20	28
	DTADD	DATE-DATA-ADDED	8	X	29	36
	OPLMOD	OPERATOR-ID-LAST-MOD	9	X	37	45
	DTLMOD	DATE-LAST-MOD	8	X	46	53
	TMLMOD	TIME-LAST-MOD	6	X	54	59

FIELD NAME	DESCRIPTION	TABLE NAME	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
ACACNB	ASG-CAT-CON-NBR	EPR-T	4	X	405	408
ACDD	ADMIN-CON-DSCRTV-DSG	AOA-T	2	X	152	153
ACFGIA	ACF-MGIB-INCR-BASIC-BNFT-AD	EPR-T	1	X	671	671
ACPUD	ADMIN-CON-PRNT-ORG-DSG	AOA-T	3	X	149	151
ACQIND	ACQ-DB-UNIT-UPDT-INDIC	AOH-T	1	X	68	68
ACSD	ADMIN-CON--SVC-DSG	AOA-T	1	X	148	148
ACUIC	ADMIN-CON-UIC (CHAIN)	AOA-T	6	X	148	153
ACUPC	ADMIN-CON-UPC (CHAIN)	AOA-T	5	X	149	153
ADCTYM	ADDR-CITY-MAIL	EPR-T	17	X	585	601
ADPYCT	ADD-PAY-CAT	EPY-T	1	X	11	11
ADPYTY	ADD-PAY-TYPE	EPR-T	2	X	849	850
		EPY-T	2	X	12	13
ADSTCM	ADDR-STREET-CONT-MAIL	EPR-T	29	X	556	584
ADSTM	ADDR-STATE-MAIL	EPR-T	2	X	602	603
ADSTRM	ADDR-STREET-MAIL	EPR-T	29	X	527	555
ADZIPM	ADDR-ZIP-CODE-MAIL	EPR-T	9	X	607	615
AEA	AEA	EPR-T	1	X	389	389
AFQTPS	AFQT-PCTL	EPR-T	2	X	658	659
AFQTSG	AFQT-PCTL-GRP-CD	EPR-T	1	X	660	660
ALCST	AREA-LAST-COMPL-OS-SHORT-TOUR	EPR-T	2	X	418	419
ALO	AUTH-LVL-ORG	AOA-T	1	X	154	154
ALPPA	ALT-PPA	AO1-T	2	X	196	197
AMCPDT	ANCP-ENRI-APL-DT	EPR-T	8	X	1083	1090
AMOSDT	AMOS-AWARD-DT	EPR-T	8	X	1130	1137
AMOSEN	AMOS-EMIL	EPR-T	3	X	1111	1113
APFTR	APFT-RESULT	EPR-T	1	X	647	647
APFTSC	APF-SCORE	EPR-T	3	X	648	650
APTSCR	APT-SCORE-QY	EQQ-T	3	X	13	15
ARALOC	ARMY-AREA-LOC	AOF-T	1	X	27	27
		AOI-T	1	X	33	33
AREAX	ARMY-AREA-LOC-UNIT (CHAIN)	AOF-T	3	X	27	29
ARLOC	UNIT-ARMY-LOC	AOF-T	5	X	22	26
		AOI-T	5	X	38	42
ARLOCC	UNIT-CURR-ARMY-LOC	EPR-T	5	X	289	293
ARLOCH	UNIT-HOME-ARMY-LOC	EPR-T	5	X	284	288
ASCAAS	AS-CA-APT-STD-SCR	EQJ-T	3	X	11	13
ASCO	ASG-CONS	EQV-T	2	X	11	12
ASCOAS	AS-CO-APT-STD-SCR	EQJ-T	3	X	14	16
ASCPRI	ASG-CONS-PRTY-NBR	EQV-T	2	X	13	14
ASELAS	AS-EL-APT-STD-SCR	EQJ-T	3	X	17	19
ASEPDT	DATE-PROJ-SEP	EPX-T	8	X	27	34
ASFAAS	AS-FA-APT-STD-SCR	EQJ-T	3	X	20	22
ASFOAS	AS-FO-APT-STD-SCR	EQJ-T	3	X	23	25
ASGIND	ASG-DB-UNIT-UPDT-INDIC	AOH-T	1	X	66	66
ASGMAS	AS-GN-APT-STD-SCR	EQJ-T	3	X	26	28
ASGRMK	ASG-RMK	EQC-T	256	X	11	266
ASGTAS	AS-GT-APT-STD-SCR	EQJ-T	3	X	29	31
ASGWIN	UNIT-ASG-WINDOW	AO1-T	1	X	182	182
ASIEN	ASI-ENLD	EPS-T	2	X	11	12
ASMMAS	AS-MM-APT-STD-SCR	EQJ-T	3	X	32	34
ASNJIN	ASNJ-INDIC	EPR-T	1	X	1150	1150

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FIELD/TABLE CROSS REFERENCE REPORT

FIELD NAME	DESCRIPTION	TABLE NAME	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
ASRSCN	ASG-RST-CNTRYCD	EQV-T	2	X	15	16
ASRSRN	ASG-CNTRY-ESTR-RSN	EQV-T	1	X	17	17
ASVCAS	AS-SC-APT-STD-SCR	EQJ-T	3	X	38	40
ASVLT	PER-TEST-TYP-CD	EQJ-T	2	X	41	42
		EQO-T	2	X	11	12
ASVTAS	AS-ST-APT-STD-SCR	EQJ-T	3	X	35	37
AWDCAT	AWDCAT	EQA-T	8	X	11	18
BASD	BASD	EPR-T	8	X	697	704
BESD	BESD	EPR-T	8	X	705	712
BMKQBC	BASIC-MKS-QUAL-BAD-CLASS	EQA-T	1	X	27	27
BMTOE	BASE-MOD-TOE (CHAIN)	AOA-T	6	X	117	122
BODFSA	BODY-FAT-STD-ACC	EPR-T	1	X	640	640
CARST	CAREER-STAT	EPR-T	1	X	687	687
CATCO	UNIT-MSN-CAT	AOA-T	1	X	155	155
CEDG	CIV-EDUC-DEG	EQE-T	4	X	14	17
CELC	CIV-EDUC-LEVEL-COMPL	EPR-T	1	X	675	675
		EQE-T	1	X	13	13
CFWEAD	CNTRY-EAD	EPR-T	2	X	523	524
CHRSVC	CHAR-SVC	EPR-T	1	X	887	887
CITYBR	CITY-BIRTH	EPR-T	17	X	493	509
CLNNBR	CURR-ASG-LINE-NBR	EPR-T	3	X	213	215
CMAAEN	CAREER-MGT-AUTHTY-AD-ENLD	EPR-T	1	X	409	409
CNTBIR	CNTRY-BIRTH	EPR-T	2	X	517	518
CNTBSP	CNTRY-BIRTH-SPSE	EPR-T	2	X	809	810
CNTCSP	CNTRY-CTZSP-SPSE	EPR-T	2	X	811	812
CNTCTZ	CNTRY-CTZSP	EPR-T	2	X	491	492
CNTEAD	CNTRY-HOR-EAD	EPR-T	2	X	519	520
CNTOSA	CNTRY-OS-ASG	EPK-T	2	X	83	84
COHFLG	COHORT-UNIT-INDIC	AO1-T	1	X	154	154
COMVID	COHORT-UNIT-MOVE-INDIC	AO1-T	1	X	155	155
CONAP	CONUS-ASG-PREF	EQK-T	2	X	13	14
CONIND	CONUS-UNIT-INDIC	AOF-T	1	X	30	30
		AOI-T	1	X	43	43
		EPR-T	1	X	269	269
CPMOSE	CPMOS-ENLD	EPR-T	3	X	121	123
CPONBR	CURR-ASG-POSN-NBR	EPR-T	4	X	205	208
CPRMPT	CURR-PRM-PT	EPR-T	4	X	142	145
CRPNBR	CURR-ASG-PARA-NBR	EPR-T	4	X	209	212
CTASIE	CQN-ASI-ENLD	EPR-T	2	X	102	103
CTLANG	CON-LANC-IDENT	EPR-T	2	X	104	105
CTSQIE	CON-SQI-ENLD	EPR-T	1	X	101	101
CTYBR	CO-BIRTH	EPR-T	5	X	510	514
CTZUSO	CTZSP-STAT-US-ORGN	EPR-T	1	X	490	490
CUCIND		AO1-T	1	X	230	230
CUDEDP	CURR-DSG-33Y-PERF	EPR-T	24	X	181	204
CULCCD		AO1-T	2	X	222	223
CULSCD		AO1-T	2	X	224	225
CURDD	CURR-DSCRTV-DSG	EPR-T	2	X	231	232
CURLCD		AO1-T	4	X	226	229
CURPUD	CURR-PRNT-ORG-DSG	EPR-T	3	X	228	230
CURSD	CURR-SVC-DSG	EPR-T	1	X	227	227

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FIELD/TABLE CROSS REFERENCE REPORT

FIELD NAME	DESCRIPTION	TABLE NAME	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
CURUIC	CURR-UIC	EPR-T	6	X	227	232
CURUPC	CURR-UPC	EPR-T	5	X	228	232
CVECFS	CIV-EDUC-CERT-FUNDNG-SRCE	EQE-T	1	X	32	32
CVEDC	CIV-EDUC-CERT	EQE-T	1	X	12	12
CVEDCC	CIV-EDUC-CERT-COMPL	EPR-T	1	X	1078	1078
CVEDI	CIV-EDUC-INSTUT	EQE-T	6	X	18	23
CYLU	CNTRY-LOC-UNIT	AOF-T	2	X	31	32
		AOI-T	2	X	89	90
DCOERD	DUAL-COMP-OER-DATE	EQD-T	8	X	14	21
DCOST	DATE-COMM-CURR-OS-TOUR	EPR-T	8	X	420	427
DCSTC	DUAL-SVC-COMP-STAT-INDIC	EQD-T	1	X	11	11
DD	DSCRTV-DSG	AOA-T	2	X	5	6
		AOI-T	2	X	5	6
		AO1-T	2	X	5	6
		AO2-T	2	X	5	6
DDAT	DSCRTV-DSG-ATCH	EPA-T	2	X	31	32
		EPR-T	2	X	387	388
DDCA	DSCRTV-DSG-ORG-CALL-AD	EPR-T	2	X	58	59
DDPSTA	DEPT-DETM-PSSTAT	EPR-T	1	X	484	484
DEPNBR	DEPN-NBR	EPR-T	2	X	685	686
DEPTVL	OS-DEP-TVL-CD	EPK-T	1	X	85	85
		EPR-T	1	X	1187	1187
DEROS	DEROS	EPR-T	8	X	441	448
DESIGT	UNIT-DSG-TDA	AOA-T	25	X	156	180
		AO1-T	25	X	68	92
DIEMS	DATE-INIT--ENTRY-MIL-SVC	EPR-T	8	X	713	720
DISIND	DISTR-DB-IJNIT-UPDT-INDIC	AOH-T	1	X	67	67
DLSEPR	DELAY-SEP-RSN	EPR-T	1	X	896	896
DLTOST	DATE-LAST-TOS-TRANS	EPR-T	8	X	948	955
DLVACR	DAYS-LV-AUTH-CURR-RSG	EPR-T	2	X	340	341
DML	DIST-MGT-LVL	AOI-T	3	X	23	25
		AO1-T	3	X	156	158
		EPR-T	3	X	294	296
DMOSD	DMOSD-ENLD	EPR-T	5	X	170	174
DMOSKE	DMOS-SKILL-ENLD	EPR-T	4	X	170	173
DMSL	DIST-MGT-SUB-LVL	AOI-T	3	X	26	28
		AO1-T	3	X	159	161
		EPR-T	3	X	297	299
DOB	DOB	EPR-T	8	X	721	728
DODSPS	DOD-COMP-MIL-SPSE	EPR-T	1	X	797	797
DOS	DOS	EPR-T	8	X	888	895
DPLCNY	DEPLOY-CNTRY-CD	EPR-T	2	X	302	303
DROS	DROS	EPR-T	8	X	729	736
DTACD	DATE-ASG-CURR-DY	EPR-T	8	X	162	169
DTADD	DATE-RED-ADD	AOH-T	8	X	21	28
		AOI-T	8	N	60	67
		EFK-T	8	X	28	35
		EPA-T	8	X	42	49
		EPB-T	8	X	77	84
		EPC-T	8	X	47	54
		EPF-T	8	X	30	37

FIELD NAME	DESCRIPTION	TABLE NAME	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
		EPG-T	7	X	19	25
		EPK-T	8	X	52	59
		EPL-T	8	X	47	54
		EPM-T	8	X	27	34
		EPO-T	8	X	22	29
		EPO-T	8	X	31	38
		EPR-T	8	X	1007	1014
		EPS-T	8	X	30	37
		EPT-T	7	X	51	57
		EPW-T	8	X	30	37
		EPX-T	8	X	36	43
		EPY-T	8	X	34	41
		EPZ-T	8	X	37	44
		EQA-T	8	X	37	44
		EQC-T	8	X	573	580
		EOD-T	8	X	31	38
		EQE-T	8	X	42	49
		EQF-T	8	X	29	35
		EQH-T	8	X	25	32
		EQI-T	8	X	35	42
		EQJ-T	8	X	58	65
		EQM-T	8	X	35	42
		EQN-T	8	X	47	54
		EQO-T	8	X	31	38
		EQP-T	8	X	43	50
		EQV-T	8	X	27	34
		EQW-T	8	X	32	39
		EQX-T	8	X	32	39
		EQZ-T	8	X	29	36
DTADPY	DATE-ADD-PAY	EPY-T	8	X	17	24
DTAPD	DATE-ASG-PREV--DY	EPB-T	8	X	11	18
DTAPSU	DATE-CONUS-ASG-PREF-SUEMTD	EQX-T	8	X	15	22
DTARR	DATE-ARR-SM	EPC-T	8	X	11	18
		EPR-T	8	X	234	241
DTASIE	DATE-ASI-ENLO	EPR-T	8	X	1168	1175
		EPS-T	8	X	13	20
DTATCH	DATE-ATCH	EPA-T	8	X	11	18
		EPR-T	8	X	375	382
DTAWD	DATE-AWARD	EQA-T	8	X	19	26
DTCMRG	DATE-COMM-CURR-REGT-ASG	EPR-T	8	X	362	369
DTCPME	DATE-CHG-PMOS-ENLD	EPR-T	8	X	106	113
		EQM-T	8	X	15	22
DTCPRP	CURR-PRESB-REPT-DATE	EPR-T	8	X	345	352
DTCRGT	EFF-DATE-REGT	AOGT	8	X	23	30
DTCRNL	DATE-CURR-REENL	EPR-T	8	X	823	830
DTDACR	DAYS-TDY-AUTH-CURR-RSG	EPR-T	3	X	342	344
DTDEL		EPG-T	7	X	26	32
		EPT-T	7	X	58	64
DTDMEA	DATE-DECLAR-MGIB-ENROLL-AD	EPR-T	8	X	663	670
DTDPAR	DATE-DEPN-ARR-OS	EPK-T	8	X	31	38
		EPR-T	8	X	429	436

FIELD NAME	DESCRIPTION	TABLE NAME	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
DTPRT	DATE-DPRT-SM	EPC-T	8	X	19	26
		EPR-T	8	X	328	335
DTEADC	DATE-EAD-CURR	EPR-T	8	X	924	931
DTEDCS	DATE-MIL-EDUC-CRS-START	EPM-T	8	X	66	73
DTEDPL	DEPLOY-DT	EPR-T	8	X	304	311
DTEEPD	DATE-END-ER-PD	EPR-T	8	X	737	744
DTEEST	DATE-REC-ESTAB	AOAT	8	X	23	30
		AOG-T	8	X	7	14
		AO1-T	8	X	23	30
DTEGCM	DATE-ELIG-GCMDL	EPR-T	8	X	745	752
DTELTC	DATE-END-LOST-TIME-CSVC	EPZ-T	8	X	20	27
DTENLR	DATE-ENL-BONUS-ELIG-ESTB	EPR-T	8	X	831	838
DTETS	DATE-ETS	EPR-T	8	X	789	796
DTETSC	DATE-ETS-CHG	EPR-T	8	X	1152	1159
DTEURS	DATE-UNIT-REC-END	AOA-T	8	X	15	22
		AOI-T	8	X	15	22
		AO1-T	8	X	15	22
DTJCMD	DATE-JOIN-COMO	EPR-T	8	X	272	279
DTJRGT	EFF-DATE-REGT-DSG-UNIT	AO1-T	8	X	198	205
DTLAPC	DATE-LAST-ACCT-PCS	EPG-T	8	X	11	18
		EPR-T	8	X	261	268
DTLMOD	DATE-LAST-MOD	AOA-T	8	X	48	55
		AOF-T	8	X	42	49
		AOG-T	8	X	40	47
		AOH-T	8	X	38	45
		AOI-T	8	X	46	53
		AO1-T	8	X	54	61
		EFK-T	8	X	45	52
		EPA-T	8	X	59	66
		EPB-T	8	X	94	101
		EPC-T	8	X	64	71
		EPF-T	8	X	47	54
		EPK-T	8	X	69	76
		EPL-T	8	X	64	71
		EPM-T	8	X	44	51
		EPO-T	8	X	39	46
		EPQ-T	8	X	48	55
		EPR-T	8	X	1024	1031
		EPS-T	8	X	47	54
		EPW-T	8	X	47	54
		EPX-T	8	X	68	75
		EPY-T	8	X	51	58
		EPZ-T	8	X	54	61
		EQA-T	8	X	54	61
EQC-T	8	X	590	597		
EOD-T	8	X	48	55		
EQE-T	8	X	59	66		
EQF-T	8	X	46	53		
EQH-T	8	X	42	49		
EQI-T	8	X	52	59		
EQJ-T	8	X	75	82		

FIELD NAME	DESCRIPTION	TABLE NAME	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
		EQM-T	8	X	52	59
		EQN-T	5	X	64	71
		EQO-T	8	X	48	55
		EQP-T	8	X	60	67
		EQV-T	8	X	44	51
		EQW-T	8	X	49	56
		EQX-T	8	X	49	56
		EQZ-T	8	X	46	53
DTLPE	DATE-LAST-PHYS-EXAM	EPR-T	8	X	616	623
DTLRSG	DATE-LATEST-RSG-TRANS	EPR-T	8	X	242	249
DTLTR	DATE-LAST-TRANS	EPR-T	8	X	936	943
DTMECC	DATE-MIL-EDUC-CRS-COMPL	EPM-T	8	X	58	65
DTMOD		EPG-T	7	X	33	39
		EPT-T	7	X	65	71
DTOAPS	DATE-OS-ASG-PREF-SUBMTD	EQW-T	8	X	15	22
DTOOAS	OO-DATE-ASC-STAT	EPR-T	8	X	397	404
DTPDP	DATE-FLD-DETM-PSSTAT	EPR-T	8	X	475	482
DTPRCT	DATE-PRM-RED-CH-TRANS	EPR-T	8	X	81	88
		EQP-T	8	X	26	33
DTPRDE	DEPLOY-PROJ-RTN-DT	EPR-T	8	X	312	319
DTPSIC	DATE-PSINVES-COMPL	EPR-T	8	X	459	466
DTPSII	DATE-PSINVES-INIT	EPR-T	8	X	467	474
DTPUAD	PLAN-UNIT-ACTV-DATE	AOA-T	8	X	123	130
DTPUID	PLAN-UNIT-INACTV-DATE	AOA-T	8	X	131	138
DTROBS	DATE-REC-OBS	AOA-T	8	X	31	38
		AOG-T	8	X	15	22
		AO1-T	8	X	37	44
DTSFPA	DATE-REPT-SFPA	EPF-T	8	X	11	18
DTSLTC	DATE-ST-LOST-TIME-CSVC	EPR-T	8	X	879	886
		EPZ-T	8	X	12	19
DTSQIE	DATE-SQI-ENLD	EPO-T	8	X	12	19
DTSURS	DATE-UNIT-REC-START	AOA-T	8	X	7	14
		AOI-T	8	X	7	14
		AOI-T	8	X	7	14
DTULEN	DATE-UNIT-LOC-END	AO2-T	8	X	23	30
DTULES	DATE-UNIT-LOC-ESTAB	AO2-T	8	X	15	22
DTULOB	DATE-UNIT-LOC-OBS	AO2-T	8	X	31	38
DTULST	DATE-UNIT-LOC-START	AO2-T	8	X	7	14
DTXENL	DATE-CURR-XTNSN-ENLSTMT	EPR-T	8	X	861	868
DYLANG	DY-LANG-IDENT	EPR-T	2	X	179	180
DYLPEN	DY-LANG-PRC-ENLD	EPR-T	11	X	170	180
DYMOSE	DMOS-ENLD	EPR-T	3	X	170	172
DYSKL	DY-SKILL-LVL	EPR-T	1	X	173	173
DYSQIE	DY-SQI-ENLD	EPR-T	1	X	174	174
EADCTR	EAD-CURR-TRANS	EPR-T	4	X	920	923
EATRDT	EARLY-TRANSTN-DATE	EPR-T	8	X	897	904
EDPRMR	EFF-DATE-PREV-GRADE	EQP-T	8	X	74	81
EDTURD	EFF-DATE-UNIT-REDSO	AOH-T	8	X	1	8
EDUCAT	CIV-EDUC-CAT	EQE-T	1	X	11	11
EFDPCG	EFF-DATE-CURR-GR	EPR-T	8	X	60	67
EFDTCL	EFF-DATE-CON-LANG-IDENT	EPR-T	8	X	1046	1053

FIELD NAME	DESCRIPTION	TABLE NAME	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
EFDTC	EFF-DATE-CON-SQI-ENLD	EPR-T	8	X	1038	1045
EFDTEV	EFF-DATE-ENLSTMT-LEN-VAR	EPR-T	8	X	1054	1061
EFDTSC	EFF-DATE-SVC-COMP	EPR-T	8	X	1062	1069
EFDTT	EFF-DATE-TOSAD	EPR-T	8	X	1070	1077
EFMREL	EFM-RLTNSHP-MIL-SPONS	EPR-T	2	X	11	12
ENLCMT	ENLSTMT-CMTMRT-LOC	EPR-T	4	X	819	822
ENLLOC	UNIT-ENLSTMT-CMT-LOC	AO1-T	4	X	206	209
ENLOP	ENLSTMT-OPTN-RA	EPR-T	4	X	815	818
ENLVAR	ENLSTMT-LEN-VAR	EPR-T	2	X	996	997
ENPRV	ENLSTMT-PROHBN-WAVR	EPO-T	2	X	11	12
ENREBP	ENLSTMT-REENL-BONUS-PMT	EPR-T	1	X	857	857
ERBDSG	ENLSTMT-REENL-BONUS-DSG	EPR-T	3	X	848	850
ESEPST	EARLY-SEP-PROG-APPL-STAT	EPK-T	1	X	35	35
ESEPTY	EARLY-SEP-PROC-TYPE	EPX-T	1	X	10	10
ETHCRP	ETH-GRP	EPR-T	1	X	683	683
EXDTAT	EXPIR-DATE-ATCH	EPA-T	8	X	19	26
EXRROD	EXPIR-RDY-RES-OBLG-DATE	EPR-T	8	X	1095	1102
EXSMOD	EXPIR-STAT-MIL-OBLG-DATE	EPR-T	8	X	1103	1110
FACNTM	FORN-ADDR-CNTRY-MAIL	EPR-T	2	X	1138	1139
FAPNRM	FORN-ADDR-POSTAL-NBR-MAIL	EPR-T	10	X	1140	1149
FDASIE	FIRST-DY-ASI-ENLD	EPR-T	2	X	175	176
FDPSTA	FLD-DETM-PSSTAT	EPR-T	1	X	483	483
FLDCAU	DATA-FLD-CHG-AUD	EPR-T	32	X	964	995
GELOC	UNIT-GEO-LOC	AOF-T	4	X	1	4
		AO2-T	4	X	46	49
GRDRES	GR-RES	EQD-T	2	X	12	13
GTYPOM	GTWY-PO-MAIL	EPR-T	1	X	604	604
GYPOAM	CTWY-PO-AREA-MAIL	EPR-T	2	X	605	606
HAAPIN	HAAP-INSTALL	EPR-T	2	X	449	450
HAPASG	HAAP-INDIC	EPR-T	1	X	458	458
HAPFLG	HAAP-INDIC	AO1-T	1	X	210	210
HBASMT	HOMEBAE-ADV-ASC	EPR-T	1	X	451	451
HGTIND	HGT-IND	EPR-T	2	X	624	625
HRNG	HRNG-RTNG	EPR-T	1	X	636	636
IMREPR	IMMED-REENL-PROHBN	EPW-T	2	X	11	12
INDPDI	IND-PDI	EQF-T	9	X	11	19
INDSKL	IND-SKILL-LVL	EPR-T	1	X	100	100
LANG	LANG-IDENT	EPL-T	2	X	11	12
LANGPS	LANG-PROF-SRC-PRIM	EPL-T	1	X	36	36
LANGSS	LANG-PROF-SRC-SECD	EPL-T	1	X	37	37
LASTTR	LAST-TRANS	EPR-T	4	X	932	935
LATITD	UNIT-LATITD	AOF-T	7	X	79	85
LATOST	LAST-TOS-TRANS	EPR-T	4	X	944	947
LCPETR	LAST-CHG-PMOSD-ENLD-TRANS	EPR-T	4	X	114	117
LLISEM	LANG-LISTEN-EVAL-METED	EPL-T	1	X	19	19
LLPSCT	LANG-LISTEN-PROF-SCORE-TYPE	EPL-T	1	X	24	24
LLSPSC	LANG-LISTEN-PROF-SCORE	EPL-T	2	X	22	23
LOCNM	UNIT-HOME-GEO-LOC-NAME	AOF-T	17	X	5	21
LOEK	LWR-EKTREMITIES-RTNG	EPR-T	1	X	635	635
LONGTD	UNIT-LONGTD	AOF-T	8	X	86	93
LRDGEM	LANG-READ-EVAL-METHD	EPL-T	1	X	25	25

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FIELD/TABLE CROSS REFERENCE REPORT

FIELD NAME	DESCRIPTION	TABLE NAME	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
LRDPSC	LANG-READ-PROF-SCORE	EPL-T	2	X	28	29
LRPSCT	LANG-READ-PROF-SCORE-TYPE	EPL-T	1	X	30	30
LRSCTR	LATEST-RSG-TRANS	EPR-T	4	X	250	253
LSPKEM	LANG-SPEAK-EVAL-METHD	EPL-T	1	X	33	33
LSPPSC	LANG-SPEAK-PROF-SCORE	EPL-T	2	X	31	32
LTET	LOST-TIME-END-TRANS	EPZ-T	2	X	70	71
LTST	LOST-TIME-START-TRANS	EPZ-T	2	X	68	69
MALOF	MIN-ACC-PRCNTG-UNIT-FILL	AO1-T	4	X	211	214
MARST	MARTL-STATS	EPR-T	1	X	688	688
MCENBN	MNTHS-CURR-ENLSTMT-BONUS	EPR-T	2	X	858	859
MCRDCC	MIL-CRER-DEV-CRS-COMPL	EPM-T	3	X	11	13
MDFY	MOVMNT-DSG-FY	EPG-T	4	X	75	78
		EPR-T	4	X	1160	1163
MDTC	MOVMNT-DSG-TVL--CAT	EPG-T	2	X	73	74
		EPR-T	2	X	258	259
MEL	MIL-EDUC-LVI	EPR-T	1	X	673	673
MEPSCP	MIL-ENTRNC-PHYS-STR-CAP	EPR-T	3	X	629	631
MEPSTA	NEPS-CD	EPR-T	3	X	1091	1093
MES	MIL-EDUC-STAT	EPR-T	1	X	674	674
MGIBSA	MGIB-ELIG-STAT-AD	EPR-T	1	X	672	672
MILSP	MIL-SPOUSE	EPR-T	12	X	797	808
MLDYST	MIL-DY-STAT-AB	EPZ-T	3	X	72	74
MOBDTE	DATE-UNIT-MOB	AO1-T	8	X	105	112
MOBUNT	MOB-UNIT-TYPE	AO1-T	1	X	215	215
MOSLTE	MOS-LAST-TEST-ENLO	EPI-T	3	X	11	13
MPADT	MAJ-PERS-ACTION-DATE	EPR-T	8	X	46	53
MPAMPC	MAJ-PERS-ACTION-MIL-PERS-CLASS	EPR-T	1	X	1178	1178
MPAORG	MAJ-PERS-ACTION-ORG-IDENT	EPR-T	1	X	1179	1179
MPAPOI	MRJ-PERS-ACT-PREV-ORG-IDENT	EPR-T	1	X	1177	1177
MPAPPC	MAJ-PERS-ACT-PREV-MIL-PERS-CLS	EPR-T	1	X	1176	1176
MPARSN	MAJ-PERS-ACTION-RSN	EPR-T	2	X	42	43
MPATYP	MAJ-PERS-ACTION-TYPE	EPR-T	2	X	44	45
MPCAD	MIL-PERS-CLASS-AD	EPB-T	1	X	65	65
		EPR-T	1	X	39	39
MPCSP	MIL-PERS-CLASS-MIL-SPSE	EPR-T	1	X	798	798
MSAE	MAJ-SUBJ-ADV-EDUC	EQE-T	3	X	24	26
MSEAE	MAJ-SUBJ-EQUIV-ADV-EDUC	EQE-T	1	X	27	27
MTOENM	MTOE-ORG-NAME (CHAIN)	AOA-T	23	X	86	108
		AO1-T	23	X	128	150
MXLOF	MAX-ACC-PRCNTG-UNIT-FILL	AO1-T	4	X	216	219
NAME	NAME-IND	EPR-T	27	X	11	37
NBRCSA	NBR-COMD-SPONS-DEPN	EPK-T	2	X	39	40
		EPR-T	2	X	437	438
NBRMOA	NBR-MO-OS-ASG	EPK-T	2	X	27	28
NBRREN	NBR-REENL	EPR-T	1	X	860	860
NDEPA	NBR-DEPN-ADULTS	EPR-T	2	X	689	690
NDEPNC	NBR-DEPN-CHILDN	EPR-T	2	X	691	692
NEWDD	NEW-DSCRTV-DSG	AOH-T	2	X	19	20
NEWPUA	NEW-PRNT-ORG-DSG	AOH-T	3	X	16	18
NEWUIC	NEW-UIC (CHAIN)	AOH-T	6	X	15	20
NEWUPC	NEW-UPC (CHAIN)	AOH-T	5	X	16	20

FIELD NAME	DESCRIPTION	TABLE NAME	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
NISDEP	NBR-IND-SPONS-DEPN	EPK-T	2	X	41	42
		EPR-T	2	X	439	440
NOENLX	NBR-MO-ENLSTMT-XTNSN	EPR-T	3	X	869	871
NOLOT	NBR-OS-LONG-TOURS	EPR-T	1	X	416	416
NOSOT	NBR-OS-SHORT-TOURS	EPR-T	1	X	417	417
NRGAFA	NBR-REGT-AFFIL-ASG	EPR-T	1	X	374	374
NSVDSG	NEW-5VC-DSG	AOH-T	1	X	15	15
NYRCEC	NBR-YRS-CIV-EDUC-COMPL	EPR-T	2	X	676	677
OBMOSE	OBLG-BONUS-MOS-ENLD	EPR-T	3	X	839	841
OCRNBR	OCCUR-NBR	EQH-T	2	X	11	12
		EQW-T	2	X	11	12
		EQX-T	2	X	11	12
ODINME	OBS-DATA-ITEM-NAME	EPT-T	30	X	11	40
ODVLUE	OBS-DATA-VAL	EPT-T	10	X	41	50
OLDDD	OLD-DSRTV-DSG	AOH-T	2	X	13	14
OLDPUD	OLD-PRNT-ORG-DSG	AOH-T	3	X	10	12
OLDUIC	OLD-UIC (CHAIN)	AOH-T	6	X	9	14
OLDUPC	OLD-UPC (CHAIN)	AOH-T	5	X	10	14
OPADD	OPERATOR-ID-PEC-ADD	AOH-T	9	X	29	37
		AOI-T	9	X	68	76
		EFK-T	9	X	19	27
		EPA-T	9	X	33	41
		EPB-T	9	X	68	76
		EPC-T	9	X	38	46
		EPF-T	9	X	21	29
		EPG-T	9	X	46	54
		EPK-T	9	X	43	51
		EPL-T	9	X	38	46
		EPM-T	9	X	18	26
		EPO-T	9	X	13	21
		EPO-T	9	X	22	30
		EPR-T	9	X	998	1006
		EPS-T	9	X	21	29
		EPT-T	9	X	78	86
		EPW-T	9	X	21	29
		EPX-T	9	X	50	58
		EPY-T	9	X	25	33
		EPZ-T	9	X	28	36
		EQA-T	9	X	28	36
		EQC-T	9	X	564	572
EQD-T	9	X	22	30		
EQE-T	9	X	33	41		
EQF-T	9	X	20	28		
EQH-T	9	X	16	24		
EQI-T	9	X	26	34		
EQJ-T	9	X	49	57		
EQM-T	9	X	26	34		
EQN-T	9	X	38	46		
EQO-T	9	X	22	30		
EQP-T	9	X	34	42		
EQV-T	9	X	18	26		

FIELD NAME	DESCRIPTION	TABLE NAME	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
		EQW-T	9	X	23	31
		EQX-T	9	X	23	31
		EQZ-T	9	X	20	28
OPDEL		EPG-T	9	X	55	63
		EPT-T	9	X	87	95
OPLMOD	OPERATOR-ID-LAST-MOD	AOA-T	9	X	39	47
		AOF-T	9	X	33	41
		AOG-T	9	X	31	39
		AOH-T	9	X	46	54
		AOI-T	9	X	77	85
		AO1-T	9	X	45	53
		EFK-T	9	X	36	44
		EPA-T	9	X	50	58
		EPB-T	9	X	85	93
		EPC-T	9	X	55	63
		EPF-T	9	X	38	46
		EPK-T	9	X	60	68
		EPL-T	9	X	55	63
		EPM-T	9	X	35	43
		EPO-T	9	X	30	38
		EPQ-T	9	X	39	47
		EPR-T	9	X	1015	1023
		EPS-T	9	X	38	46
		EPW-T	9	X	38	46
		EPX-T	9	X	59	67
		EPY-T	9	X	42	50
		EPZ-T	9	X	45	53
		EQA-T	9	X	45	53
		EQC-T	9	X	581	589
		EQD-T	9	X	39	47
		EQE-T	9	X	50	58
		EQF-T	9	X	37	45
		EQH-T	9	X	33	41
		EQI-T	9	X	43	51
		EQJ-T	9	X	66	74
		EQM-T	9	X	43	51
		EQN-T	9	X	55	63
		EQO-T	9	X	39	47
		EQP-T	9	X	51	59
		EQV-T	9	X	35	43
		EQW-T	9	X	40	48
		EQX-T	9	X	40	48
		EQZ-T	9	X	37	45
OPMOD		EPG-T	9	X	64	72
		EPT-T	9	X	96	104
ORAGST	OO-ASG-STAT	EPR-T	1	X	396	396
ORGRAA	ORG-REQ-ASG-AREA	AOI-T	2	X	87	88
		AO1-T	2	X	220	221
ORSAP	OS-ASO-PREF	EQW-T	2	X	13	14
OSAED	OS-ASC-END-DATE	EPK-T	8	X	19	26
OSASD	OS-ASO-START-DATE	EPK-T	8	X	11	18

FIELD NAME	DESCRIPTION	TABLE NAME	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
OSATT	OS-ASG-TOUR-TYP-CD	EPK-T	1	X	30	30
		EPR-T	1	X	428	428
OSVDSG	OLD-SVC-DSG	AOH-T	1	X	9	9
PACTDR	PRI-ACT-DISPT-REC	EPR-T	1	X	1094	1094
PAYGRA	PAY-GR-AA	EPB-T	3	X	65	67
		EPR-T	3	X	39	41
PCMF	PRIM-CMF	EPR-T	2	X	95	96
PDLANG	PREV-DY-LANG-IDENT	EPB-T	2	X	28	29
PDMOSE	PREV-DMOS-ENLD	EPB-T	3	X	19	21
PDMSDE	PREV-DMOSD-ENLD	EPB-T	5	X	19	23
PDMSKE	PREV-DMOS-SKILL-ENLD	EPB-T	4	X	19	22
PDOR	PERM-DOR-AD	EPR-T	8	X	71	78
PDSDYP	PREV-DSG-DY-PREF	EPB-T	24	X	30	53
PDSI	PDSI	EQF-T	3	X	11	13
PDSKL	PREV-DY-SKILL-LVL	EPB-T	1	X	22	22
PDSQIE	PREV-DY-SQI-ENLD	EPB-T	1	X	23	23
PEBD	PEBD	EPR-T	8	X	753	760
PERIND	PERS-DB-UNT-RI-CD	AOH-T	1	X	62	62
PERSSS	PERS-STR-STAT	EPR-T	2	X	678	679
PFASIE	PREV-FIRST-DY-ASI-ENLD	EPB-T	2	X	24	25
PGDD	POT-GAIN-DSCRTV-DSG	EPR-T	2	X	324	325
PGNPPA	POT-GAIN-PPA	EPR-T	2	X	326	327
PGPUD	POT-GAIN-PRNT-ORG-DSG	EPR-T	3	X	321	323
PGRAD	PERM-GR-AD	EPR-T	2	X	68	69
PGSD	POT-GAIN-SVC-DSG	EPR-T	1	X	320	320
PGUIC	POT-GAIN-TUC	EPR-T	6	X	320	325
PGUPC	POT-GAIN-UPC	EPR-T	5	X	321	325
PHAAPD	PJ-HAPP-ISS-YMDT	EPR-T	6	X	452	457
PHCP	PHYSCL-CAPCTY-RTNG	EPR-T	1	X	633	633
PHPFAC	PHYSCL-PROFILE-FCTR	EPR-T	6	X	633	638
PHYC	PHYS-CAT	EPR-T	1	X	632	632
PJMOSD	PROJ-MOSD-ENLD	EPR-T	4	X	216	219
PJMOSE	PROJ-MOS-ENLD	EPR-T	3	X	216	218
PGMRSN	RSN-PROJ-MOS-ENLD	EPR-T	1	X	220	220
PJSKLV	PROJ-SKILL-LVI	EPR-T	1	X	219	219
PLNNBR	PREV-ASG-LINE-NBR	EPB-T	3	X	62	64
PLNYR	PROM-LIST-NBR-YR	EPR-T	14	X	128	141
PLVLSN	PAY-LEVEL-SER-NBR	EPB-T	2	X	66	67
		EPR-T	2	X	40	41
PMAE	UNIT-PMA-ENLD	AOI-T	2	X	44	45
		AO1-T	2	X	162	163
PMAO	UNIT-PMA-OFF	AOA-T	2	X	66	67
		AO1-T	2	X	97	98
		EPR-T	1	X	680	680
PMOBC	PERS-MOB-CAT	EPR-T	1	X	680	680
PMOSDT	PMOS-AWARD-DT	EPR-T	8	X	1114	1121
PMOSEN	PMOS-ENLD	EPR-T	3	X	97	99
		EQM-T	3	X	23	25
POLIND	POLY-DB-UNIT-UPDT-INDIC	AOH-T	1	X	64	64
POSASN		AOI-T	1	X	98	98
POSDST		AOI-T	1	X	99	99
POSPER		AOI-T	1	X	94	94

FIELD NAME	DESCRIPTION	TABLE NAME	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
POSPOL		AOI-T	1	X	96	96
POSREQ		AOI-T	1	X	93	93
POSREQ1		AOI-T	1	X	97	97
POSSTA		AOI-T	1	X	95	95
PPA	PPA	AOA-T	2	X	62	63
		AOI-T	2	X	31	32
		AOZ-T	2	X	1	2
		AO1-T	2	X	93	94
		EPR-T	2	X	300	301
PPACDT	PPA-SIDPERS-CONV-DATE	AOZ-T	8	X	3	10
PPATCD	PPA-SIDPERS-TYPE-CD	AOZ-T	1	X	11	11
PPG	ENLD-MGT-UNIT-FILL-PRTY	AOA-T	2	X	72	73
		AO1-T	2	X	103	104
PPOSNO	PREV-POSN-NBR	EPB-T	4	X	54	57
PPPMR	PHYS-PRFL-PMOS-MATCH-RESULT	EPR-T	1	X	639	639
PPRMPT	PREV-PRM-PT	EPR-T	4	X	152	155
PPRNBR	PREV-ASG--PARA-NBR	EPB-T	4	X	58	61
PPSPQE	PRIM-PERS-SPEC-QUAL-ENLD	EPR-T	9	X	97	105
PRDDD	PRE-DPL-DSCRTV-DSG	EPR-T	2	X	876	877
PRDPUD	PRE-DPL-PRNT-ORG-DSG	EPR-T	3	X	873	875
PRDSD	PRE-DPL-SVC-DSG	EPR-T	1	X	872	872
PRDUIC	PRE-DPL-UIC	EPR-T	6	X	872	877
PRDUPC	PRE-DPL-UPC	EPR-T	5	X	873	877
PREAEA	PREV-ABA	EPR-T	1	X	1186	1186
PREDD	PREV-DSCRTV-DSG	EPC-T	2	X	31	32
PRENAM	PREV-NAME-IND	EQN-T	27	X	11	37
PREPUD	PREV-PRNT-ORG-DSG	EPC-T	3	X	28	30
PRESA	PREV-SVC-DSG	EPC-T	1	X	27	27
PREUIC	PREV-UIC	EPC-T	6	X	27	32
PREUPC	PREV-UPC	EPC-T	5	X	28	32
PRLSN	PROM-LIST-SEQ-NBR	EPR-T	8	X	128	135
PRMDFY	PREV-MOVNNT-DSG-FY	EPR-T	4	X	1164	1167
PRMDTC	PREV-MOVMENT-DSG-TVL-CAT	EPR-T	2	X	336	337
PRMOSE	PROM-MOS-ENLD	EPR-T	3	X	124	126
PRMRCT	PRM-RED-CHG-TRANS	EPR-T	2	X	79	80
PPMSSE	PROM-MOS-SKILL-ENLD	EPR-T	4	X	124	127
PRPAS	PRP-ASG-STAT	EPR-T	1	X	487	487
PRPDOR	PREV-PERM-DQR-AD	EQP-T	8	X	13	20
PRPGRA	PREV-PERM-GR-AD	EQP-T	2	X	11	12
PRPMSQ	PRP-MOS-QUAL	EPR-T	1	X	489	489
PRPRS	PRP-RQMT-STAT	EPR-T	1	X	488	488
PRQIND	PRQN-DB-UPDT-INDIC	AOH-T	1	X	65	65
PRSKLV	PROM-SKILL-LVL	EPR-T	1	X	127	127
PSASIE	PREV-SECD-DY-ASI-ENLD	EPB-T	2	X	26	27
PSC	PSC	AOA-T	4	X	74	77
		AOI-T	4	X	34	37
		AO1-T	4	X	113	116
		EPR-T	4	X	280	283
PSIC	PSINVES-COMPL	EPR-T	1	X	485	485
PSII	PSINVES-INIT	EPR-T	1	X	486	486
PSYC	PSYCH-RTNG	EPR-T	1	X	638	638

FIELD NAME	DESCRIPTION	TABLE NAME	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
PUD	PRNT-ORG-DSG	AOA-T	3	X	2	4
		AOI-T	3	X	2	4
		AO1-T	3	X	2	4
		AO2-T	3	X	2	4
PUDAT	PRNT-ORG-DSG-ATCS	EPA-T	3	X	28	30
		EPR-T	3	X	384	386
PUDCA	PRNT-ORG--DSG-ORG-CALL-AD	EPR-T	3	X	55	57
PULC	PRNT-UNIT-LEVEL	AOA-T	3	X	139	141
		AO1-T	3	X	125	127
PVSSN	PREV-SSN	EQZ-T	9	X	11	19
PWCPCD	PREV-WCP-COMPL-DATE	EPF-T	8	X	61	68
PYMAEA	PREV-YR-MO-AEA	EPR-T	6	X	1180	1185
PYMDS	PROJ-YR-MO-DPRT-SM	EPR-T	6	X	761	766
QUNO	UNIT-NBR-USA	AOA-T	4	X	88	91
		AO1-T	4	X	130	133
RACPOP	RACE-POP-GRP	EPR-T	1	X	682	682
RBARDT	REENL-BAR-DATE	EFW-T	8	X	13	20
RCDEV	RECMD-CAREER-DEV	EQH-T	1	X	15	15
REBNPL	REENL-BONUS-PAY-LEVEL	EPR-T	2	X	842	843
RECDV	REC-PROF-DEV	EQH-T	3	X	13	15
RECSTA	REC-STAT	EFK-T	1	X	10	10
		EPA-T	1	X	10	10
		EPB-T	1	X	10	10
		EPC-T	1	X	10	10
		EPF-T	1	X	10	10
		EPG-T	1	X	10	10
		EPK-T	1	X	10	10
		EPL-T	1	X	10	10
		EPM-T	1	X	10	10
		EPO-T	1	X	10	10
		EPO-T	1	X	10	10
		EPO-T	1	X	10	10
		EPR-T	1	X	38	38
		EPS-T	1	X	10	10
		EPT-T	1	X	10	10
		EPW-T	1	X	10	10
		EPY-T	1	X	10	10
		EPZ-T	1	X	10	10
		EQA-T	1	X	10	10
		EQC-T	1	X	10	10
		EQD-T	1	X	10	10
		EQE-T	1	X	10	10
		EQF-T	1	X	10	10
		EQH-T	1	X	10	10
EQI-T	1	X	10	10		
EQJ-T	1	X	10	10		
EQM-T	1	X	10	10		
EQN-T	1	X	10	10		
EQO-T	1	X	10	10		
EQP-T	1	X	10	10		
EQV-T	1	X	10	10		
EQW-T	1	X	10	10		

FIELD NAME	DESCRIPTION	TABLE NAME	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
		EQX-T	1	X	10	10
		EQZ-T	1	X	10	10
REDCAT	REDCAT	EPR-T	1	X	684	684
REELRA	REENL-ELIG-RA	EPR-T	2	X	913	914
RELDEN	REL-DENOM	EPR-T	2	X	693	694
RENLOP	REENL-OPTN-RA	EPR-T	4	X	844	847
REQIND	REQ-DB-UNIT-UPDT-INDIC	AOH-T	1	X	61	61
RGAAST	REGT-AFFIL-ASG-STAT	EPR-T	1	X	359	359
RGTAAI	REGT-AFFIL-ASG-INDIC	EPC-T	1	X	33	33
RGTAFF	RECT-AFFIL	EPR-T	6	X	353	358
RGTAHB	REGT-AFFIL-HOMEBASE	EPR-T	2	X	360	361
RGTCCM	REGT-CONUS-RMK	AOG-T	100	X	57	156
RGTOCM	REGT-OCONUS-RMK	AOG-T	100	X	157	256
RGUN	UNIT-REGT-DSG	AOA-T	6	X	78	83
		AOG-T	6	X	1	6
		AO1-T	6	X	117	122
RIAPFT	RSN-INELIG-APFT	EPR-T	1	X	657	657
RLRPR	LANG-READ-PROF-LVL	EPL-T	2	X	26	27
RLSPR	LANG-LISTEN-PROF-LVL	EPL-T	2	X	20	21
RLTCSV	RSN-LOST-TIME-CSVC	EPR-T	1	X	878	878
		EPZ-T	1	X	11	11
RNKCRS	MIL-RNK-CH-RSN-CD	EPR-T	1	X	1151	1151
		EQP-T	1	X	82	82
RNKCTY	MIL-RK-CHG-TY-CD	EPR-T	1	X	70	70
		EQP-T	1	X	21	21
RPLUAS	REPLMNT-UNIT-ASG-STAT	EPR-T	1	X	233	233
RPSNOL	RECMD-POSN-ORG-LVL	EQH-T	1	X	13	13
RPSNTY	RECMD-POSN-TYPE	EQH-T	1	X	14	14
RSGRSN	RSG-RSN	EPC-T	2	X	34	35
		EPR-T	2	X	254	255
RSGTYP	RSG-TYPE	EPC-T	2	X	36	37
		EPR-T	2	X	256	257
SAPRDT	DATE-SEP-APPL-APPROVED	EPX-T	8	X	19	26
SCOMPT	SVC-COMP	EPR-T	1	X	681	681
SDAPCT	T-SDAP-CAT	EPY-T	1	X	14	14
SDASIE	SECD-DY-ASI-ENLD	EPR-T	2	X	177	178
SDAT	SVC-DSG-ATCH	EPA-T	1	X	27	27
		EPR-T	1	X	383	383
SDCA	SVC-DSG-ORG-CALL-AD	EPR-T	1	X	54	54
SDTNPR	SDT-NONPART-RSN-CD	EQI-T	1	X	66	66
SDTPSN	SDT-SCR-PCTL-NR	EQI-T	2	X	21	22
SDTSCR	SDT-SCR-QY	EQI-T	3	X	23	25
SDTYMD	SDT-COMPL-YMDT	EQI-T	6	X	15	20
SEPDEM	SEP-PROG-DESIG-MIL	EPR-T	3	X	906	908
SEPDOC	SEPN-DOC-ISSUED	EPR-T	1	X	905	905
SEPRSM	SEP-RSN-MIL	EPR-T	2	X	907	908
SEPTCN	SEPN-TRANS-CON-NBR	EPR-T	3	X	915	917
SEPTR	SEP-TRANS	EPR-T	4	X	909	912
SEPTYM	SEP-TYPE-MIL	EPR-T	1	X	906	906
SEX	SEX	EPR-T	1	X	695	695
SFPARS	SFPA-RSN	EPF-T	1	X	19	19

FIELD NAME	DESCRIPTION	TABLE NAME	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
SFPAST	SFPA-STAT	EPF-T	10	X	11	20
SGLICO	SGLI-COVG	EPR-T	2	X	918	919
SKLCHR	SKILL-CHG-RSN	EPQ-T	1	X	62	62
SKLTST	SKILL-LEVEL-LAST-TEST	EQI-T	1	X	14	14
SLSPR	LANG-SPEAK-PROF-LVL	EPL-T	2	X	34	35
SMOSDT	SMOS-AWARD-DT	EPR-T	8	X	1122	1129
SMOSEN	SMOS-ENID	EPR-T	3	X	118	120
SPLANG	SF-PAY-LANG	EPY-T	2	X	15	16
SQIEN	SQI-ENLD	EPQ-T	1	X	11	11
SQIPRI	SQI-PRTY-NBR	EPQ-T	2	X	20	21
SRBZRA	SRB-ZONE-RA	EPR-T	1	X	848	848
SRECDT	DATE-SEP-APPL-RCVD	EPX-T	8	X	11	18
SRETDT	SCI-IED-RET-DT	EPR-T	8	X	769	776
SSN	SSN	EFK-T	9	X	1	9
		EPA-T	9	X	1	9
		EPB-T	9	X	1	9
		EPC-T	9	X	1	9
		EPF-T	9	X	1	9
		EPG-T	9	X	1	9
		EPK-T	9	X	1	9
		EPL-T	9	X	1	9
		EPM-T	9	X	1	9
		EPO-T	9	X	1	9
		EPQ-T	9	X	1	9
		EPR-T	9	X	1	9
		EPS-T	9	X	1	9
		EPT-T	9	X	1	9
		EPW-T	9	X	1	9
		EPX-T	9	X	1	9
		EPY-T	9	X	1	9
		EPZ-T	9	X	1	9
		EQA-T	9	X	1	9
		EQC-T	9	X	1	9
		EQD-T	9	X	1	9
		EQE-T	9	X	1	9
		EQF-T	9	X	1	9
		EQH-T	9	X	1	9
		EQI-T	9	X	1	9
		EQJ-T	9	X	1	9
		EQM-T	9	X	1	9
		EQN-T	9	X	1	9
		EQO-T	9	X	1	9
		EQP-T	9	X	1	9
		EQV-T	9	X	1	9
		EQW-T	9	X	1	9
		EQK-T	9	X	1	9
		EQZ-T	9	X	1	9
SSNSPS	SSN-SPSE	EPR-T	9	X	800	808
STAIND	STAT-DB-TJNIT-UPDT-INDIC	AOH-T	1	X	63	63
STBR	STATE-BIRTH	EPR-T	2	X	515	516
STBRSP	STATE-BIRTH-SPSE	EPR-T	2	X	813	814

FIELD NAME	DESCRIPTION	TABLE NAME	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
STEAD	STATE-EAD	EPR-T	2	X	525	526
STHRED	STATE-HOR-EAD	EPR-T	2	X	521	522
STLOCU	STATE-LOC-UNIT	AOF-T	2	X	28	29
		AOI-T	2	X	91	92
STRDAT	STR-DATA-AUDIT	EPR-T	2	X	962	963
SVCDSG	SVC-DSG	AOA-T	1	X	1	1
		AOI-T	1	X	1	1
		AO1-T	1	X	1	1
		AO2-T	1	X	1	1
SVMSP	SVC-COMP-MIL-SPSE	EPR-T	1	X	799	799
SVCORG	SVC-COMP-ORG	AOA-T	1	X	109	109
TINSTL	TYPE-INSTL	AOF-T	3	X	56	58
TMLMOD	TIME-LAST-MOD	AOA-T	6	X	56	61
		AOF-T	6	X	50	55
		AOG-T	6	X	48	53
		AOH-T	6	X	55	60
		AOI-T	6	X	54	59
		AO1-T	6	X	62	67
		EFK-T	6	X	53	58
		EPA-T	6	X	67	72
		EPB-T	6	X	102	107
		EPC-T	6	X	72	77
		EPF-T	6	X	55	60
		EPK-T	6	X	77	82
		EPL-T	6	X	72	77
		EPM-T	6	X	52	57
		EPO-T	6	X	47	52
		EPQ-T	6	X	56	61
		EPR-T	6	X	1032	1037
		EPS-T	6	X	55	60
		EPW-T	6	X	55	60
		EPX-T	6	X	76	81
		EPY-T	6	X	59	64
		EPZ-T	6	X	62	67
		EQA-T	6	X	62	67
		EQC-T	6	X	598	603
		EQD-T	6	X	56	61
		EQE-T	6	X	67	72
		EQF-T	6	X	54	59
		EQH-T	6	X	50	55
		EQI-T	6	X	60	65
		EQJ-T	6	X	83	88
		EQM-T	6	X	60	65
		EQN-T	6	X	72	77
		EQO-T	6	X	56	61
		EQP-T	6	X	68	73
		EQV-T	6	X	52	57
		EQW-T	6	X	57	62
		EQX-T	6	X	57	62
		EQZ-T	6	X	54	59
TMMOD		EPG-T	6	X	40	45

FIELD NAME	DESCRIPTION	TABLE NAME	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
		EPT-T	6	X	72	77
TMRCES	TIME-REC-ESTB	AO1-T	6	X	31	36
		AO2-T	6	X	40	45
		EPX-T	6	X	44	49
TOEBSN	TOE-BASE-NBR	AOA-T	2	X	117	118
TOESBN	TOE-SUB-NBR	AOA-T	3	X	119	121
TOESUF	TOE-SUF	AOA-T	1	X	122	122
TOSAD	TOS-AD	EPR-T	1	X	696	696
TPSCAT	TPSN-CAT	AOA-T	1	X	112	112
TPSEDG	TPSN-ELM-DSG	AOA-T	2	X	142	143
TPSMUN	TPSN-MSTR-UNIT-NBR	AOA-T	3	X	114	116
TPSN	TPSN	AOA-T	5	X	112	116
TPSSPC	TPSN-SP-CLASS	AOA-T	1	X	113	113
TPSTDA	TPSN-TDA (CHAIN)	AOA-T	4	X	113	116
TPSTDS	TPSN-TDA-SEQ-NBR	AOA-T	1	X	116	116
TPSTMU	TPSN-TYPE-MASTER-UNIT	AOA-T	1	X	113	113
TPSTNU	TPSN-TYPE-NONMSTR-UNIT	AOA-T	2	X	113	114
TPSTOS	TPSN-TOE-SEQ-NBR	AOA-T	2	X	115	116
TPSTO1	TPSN-TOE-1 (REDEFINES TPSTDA) (CHAIN)	AOA-T	4	X	113	116
TPSTO2	TPSN-TOE-2 (REDEFINES TPSTO1)	AOA-T	4	X	113	116
TPSUAC	TPSN-UNIT-ACTVTY	AOA-T	2	X	114	115
TRANFL	TRANS-INDIC	AOH-T	1	X	69	69
TRCMST	TOUR-COMP-STAT	EPK-T	1	X	29	29
TRNSNO	TRANS-NUMBER	EQM-T	4	X	11	14
		EQP-T	4	X	22	25
TSFPAR	TYPE-SFPA-REPT	EPF-T	1	X	20	20
UADZIP	UNIT-ADDR-ZIP-CODE	AO2-T	9	X	50	58
UDESC	UNIT-DSCR-MTOE	AOA-T	15	X	94	108
		AO1-T	15	X	136	150
UGPOAM	UNIT-GTWY-PO-AREA-MAIL	AO2-T	2	X	68	69
UGPONM	UNIT-GTWY-PO-NBR-MAIL	AO2-T	9	X	59	67
UGRID	UNIT-U-GRID	AOF-T	5	X	68	72
UGTPOM	UNIT-GTWY-PO-MAIL	AO2-T	1	X	70	70
UIC	UIC (CHAIN)	AOA-T	6	X	1	6
		AOI-T	6	X	1	6
		AO1-T	6	X	1	6
		AO2-T	6	X	1	6
UICAT	UIC-ATCH	EPA-T	6	X	27	32
		EPR-T	6	X	383	388
UICCA	UIC-ORG-CALL-AD	EPR-T	6	X	54	59
ULOCCD	UNIT-LOC-TYPE-CAT-CD	AO2-T	1	X	39	39
UMACD	UNIT-MAN-ASG-CUTOFF-DT	AO1-T	8	X	174	181
UMDPT	UNIT-MAN-DPRT-DT	AO1-T	8	X	166	173
UMMODT	UM-MOD-TYPE-CD	AO1-T	1	X	183	183
UMRPT	UNIT-MAN-REPT-DT	AO1-T	8	X	184	191
UMTYP	UNIT-MAN-TYPE-CD	AO1-T	1	X	193	193
UMVST	UNIT-MAN-STATUS-CD	AO1-T	2	X	194	195
UNDPTS	UNIT-DEPN-TRAVEL-STAT	AO1-T	1	X	165	165
UNITBR	UNIT-BR	AOA-T	2	X	92	93
		AO1-T	2	X	134	135
UNMST	UNIT-MSN-STAT	AOA-T	2	X	68	69

FIELD NAME	DESCRIPTION	TABLE NAME	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
		AO1-T	2	X	100	101
		AO1-T	2	X	99	100
UNOPST	UNIT-OPN-STAT	AOA-T	1	X	70	70
		AO1-T	1	X	101	101
UNORPR	UNIT-ORG-PRFL	AO1-T	3	X	151	153
UNRSCD	UNIT-REC-STAT	AOA-T	1	X	71	71
		AOG-T	1	X	54	54
		AOI-T	1	X	86	86
		AO1-T	1	X	102	102
UNTCA	UNIT-CO-ASG	AOA-T	2	X	64	65
		AOI-T	2	X	29	30
		AO1-T	2	X	95	96
		EPR-T	2	X	270	271
UNTGSA	UNIT-GSA-LOC	AOF-T	9	X	59	67
UNTRQA	UNIT-REQ-ACTVTY (CHAIN)	AOA-T	4	X	64	67
		AO1-T	4	X	95	98
UNTRTY	UNIT-OS-TOUR-TYPE	AO1-T	1	X	192	192
UPC	UPC (CHAIN)	AOA-T	5	X	2	6
		AOI-T	5	X	2	6
		AO1-T	5	X	2	6
		AO2-T	5	X	2	6
UPCAT	UPC-ATCH	EPA-T	5	X	28	32
		EPR-T	5	X	384	388
UPCCA	UPC-ORG-CALL-AD	EPR-T	5	X	55	59
UPEX	UPPER-EXTREMITIES-RTNG	EPR-T	1	X	634	634
URGTHB	UNIT-REGT-DSG-HOMEBASE	AOA-T	2	X	84	85
		AO1-T	2	X	123	124
URGTYP	UNIT-RECT-TYPE	AOG-T	2	X	55	56
URI	UNIT-REGT-INDIC	AOA-T	1	X	144	144
URQFLG	UNIT-REQ-INDIC	AO1-T	1	X	164	164
USARS	USARS-NBR	AOA-T	2	X	86	87
		AO1-T	2	X	128	129
USCCL	UNIT-SCTY-CLASS	AOA-T	1	X	110	110
UTPSCD	UNIT-TPSN-TYPE-CODE	AOA-T	1	X	111	111
VAR	TOE-VAR	AOA-T	2	X	145	146
VEAP	VET-EDUC-ASSIS-PROG	EPR-T	1	X	662	662
VEGIBS	VIETNAM-ERA-GIB-ELIB-STAT	EPR-T	1	X	661	661
VIS	VISION-RTNG	EPR-T	1	X	637	637
VSSSN	VSSSN	EPR-T	1	X	10	10
WTIND	WT-IND	EPR-T	3	X	626	628
XCORD	UNIT-X-COORD	AOF-T	3	X	73	75
YCORD	UNIT-Y-COORD	AOF-T	3	X	76	78
YMAEAT	YR-NO-ABA-TERM	EPR-T	6	X	390	395
YMAPFT	YR-MO-APFT-ADMIN	EPR-T	6	X	651	656
YMAPTA	YR-MO-ARMY-PERS-TEST-ADMIN	EQJ-T	6	X	43	48
		EQQ-T	6	X	16	21
YMCPPD	YR-MO-CURR-PPM-PT-DETM	EPR-T	6	X	146	151
YMEBTR	YR-MO-ENL-BNS-TERM-RA	EPR-T	6	X	851	856
YMEEFM	YR-MO-EXPIR-EFMP	EFK-T	6	X	13	18
YMHVSC	YR-NO-HIV-SCRN-TEST-LAST-ADMIN	EPR-T	6	X	777	782
YMIWCP	YR-NO-IND-WT-CON-PRFL-DETM	EPR-T	6	X	641	646

FIELD NAME	DESCRIPTION	TABLE NAME	FIELD LENGTH	FIELD TYPE	FIELD START	FIELD END
YMLOPH	YR-MO-LAST-OF-FL-PHOTO	EPR-T	6	X	783	788
YMMOSR	YR-MO-MOS-SKILL-ENLD-PECLA	EPR-T	6	X	89	94
YMPDSA	YR-MO-PDSI-AWD	EQF-T	6	X	14	19
YMPJMR	YR-MO-PROJ-MOS-ENLD	EPR-T	6	X	221	226
YMPL	YR-MO-PROM-LIST	EPR-T	6	X	136	141
YMPPPD	YR-MO-PREV-PRM-PT-DETM	EPR-T	6	X	156	161
YMPTL	YR-MO-PROF-TEST-LANG	EPL-T	6	X	13	18
YMROST	YR-MO-RTN-LAST-COMPL-SHORT-TR	EPR-T	6	X	410	415
YMSTDA	YR-MO-STR-DATA-AUDIT	EPR-T	6	X	956	961
YRCEC	YR-CIV-EDUC-LEVEL	EQE-T	4	X	28	31
YRCELV	YR-CIV-EDUC-LVL-COMPL	EPR-T	4	X	1079	1082
YRMEDC	YR-MIL-EDUC-COMPL	EPM-T	4	X	14	17
YRRAAC	YR-LAST-PEGT-AFFIL-COMPL	EPR-T	4	X	370	373
YWDTOE	YWD-TOE-DOC-PUB	AOA-T	1	X	147	147

Appendix

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TAPDB/Active Enlisted

United States Human Resources Command / Personnel Information Systems Directorate

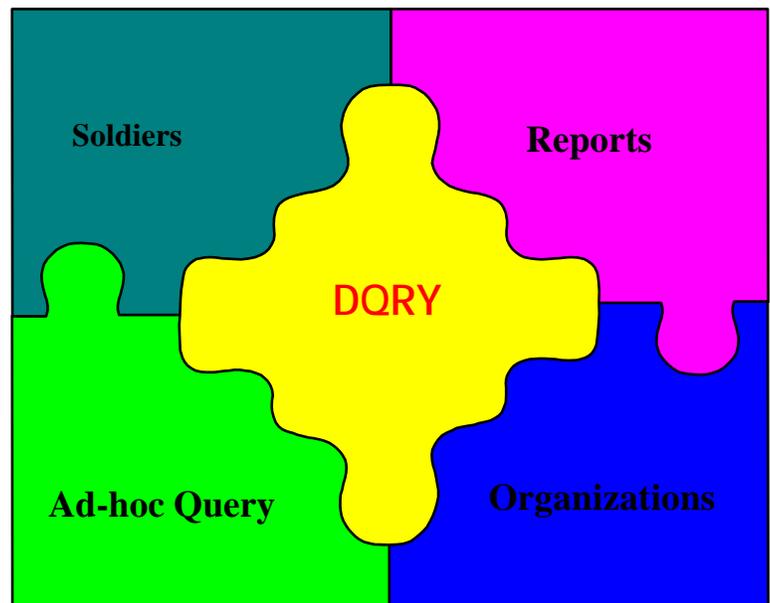
Information Center

AHRC-PSI-G

200 Stovall Street, Room 1S67

Alexandria, VA 22332-1581

Enlisted Personnel Database Query System Using DataQuery



User Information Packet

June 2003

Instructor: Dusty A. Harrell
(703) 325-2723
DSN: 221-2723

Welcome Students!

Thank you for choosing Human Resources Training Center for your training needs. Just a few notes for all students:

1. **Meals** can be purchased in Hoffman Cafeteria located on ground floor or Holiday Inn Restaurant across the street or Ruby Tuesdays.
2. **NO FOOD IS PERMITTED IN THE CLASSROOMS.** Drinks with cover lids are allowed.
3. **Telephones** are located in the front of classroom, during break time. You must first dial 9 to make any local calls.
4. **Restrooms** are located on each side of hallway. Women restrooms are on the Southside of hallway and men restrooms are on the Northside.
5. **Snack bar** is located on the fourth floor of Hoffman II.
6. **Parking Permits** are issued by request. Students must submit a request for parking permits by supplying the following information:
 - a. Name
 - b. Type of Car
 - c. Make of car
 - d. State of tags
 - e. Identify if rental
7. If you have any questions or concerns about training, please feel free to speak with our training coordinator - Rita Renuad, Room 1S67, (703) 325-6731. She will be happy to help you!!!



Have a great class!



Purpose: Teach the beginning and novice user in data retrieval methods using CA-DataQuery. The training provides the student instruction on utilizing the DataQuery Language (DQL) on the tables that compose the Enlisted database that is resides on the PERSCOM mainframe system.

Level Of Difficulty: This is an introductory course to DQL and touches on basic database concepts. Knowledge of relational database methodology is preferred, but not a requirement for this course.

Length of Course: 1 Day

Access Requirements: Students will be provided with User-IDs and Passwords for use during training. To use DataQuery after training you must be registered the PERNET system. IMOs/TASO/APDASSOs must specify access to DataQuery, Roscoe and CICS to gain access to desired databases.

Prerequisite: All users who query the Enlisted database must attend EDAS training prior to attending the DataQuery course or have a functional understanding of the automated personnel system utilized within PERSCOM. This will provide for a well rounded view of the tools available to provide the data requested of the system.

Contents: Upon completion of the course students will be able to...

1. Identify tables, columns and standard column values of the Enlisted personnel database.
2. Create, edit/modify and execute queries.
3. Create Queries, Terms and Dialogs.
4. Join single and multiple tables .
5. Build "totaling/counting" queries .
6. Execute both on-line and batch generated queries. Learn limitations and benefits of both.
7. Direct output to a variety of sources. i.e. printer, dataset, etc.

DataQuery Template

A sample of how the flow of your query should be:

FIND ALL EPR-T

WITH SCOMPT = 'R' AND RECSTA = 'G'

RELATED BY SSN VIA SSN TO (table name)

WITH RECSTA = 'G'

AND EPR-T RELATED BY SSN VIA SSN TO (table name)

WITH RECSTA = 'G'

SORT BY

PRINT TITLE 'DATAQUERY REPORT'

NAME PAYGRA SSN DOB MARST PMOSEN DEROS BASD

WHEN PAYGRA BREAKS DO 'TOTAL GRADE && 'CNT PAYGRA



LOGON Information

Enlisted DataQuery Course

The PERNET system requires passwords and user identification codes to obtain access to various components of the overall system. The User-ID for PERNET and DataQuery is the same. However, the passwords are different. Make note of these as you will need them in order to access the system.

PERNET USER-ID: ALRANA_____
PERNET PASSWORD: ALRANA_____ \$

(THIS WILL SHOW AS "EXPIRED" WHEN YOU INITIALLY SIGN ON; CHANGE THIS TO "\$DQRY65#" WHEN YOU SEE THE "EXPIRED" MESSAGE.)

ACCOUNT NUMBER: ZLZ21581

CICS COMMAND TO START DATAQUERY: DQRY

DATAQUERY USER-ID: ALRANA_____
(THIS IS THE SAME AS YOUR PERNET USER-ID)

DATAQUERY PASSWORD: ALRANA_____ \$

NOTE: **PLEASE** do not change password for DataQuery password

Practice Exercise

FIND ALL EPR-T

WITH SSN EQ '111111111'

PRINT NAME SSN RECSTA DOB PAYGRA PMOSEN DEROS SEX MARST CTLANG ARLOCH

BASD

Exercise I

1. Title the query - DQEXER-1
2. Create a query that will identify 200 females having a:
 - a. Deros date between 1 Jan 2005 and 31 May 2005
 - b. Primary MOS (PMOSEN) - 42A or 33W or 75H
 - c. Conus Indicator (CONIND) of 'O' (letter o)
3. Sort the roster by paygrade and name
4. Provide a title for report - "Female Soldiers within MOS 74C, 33W, 75H"
5. Print the following data for each soldier found:

PAYGRA, NAME, PMOSEN, DOB, SEX, MARST, BASD, DEROS, PDOR
6. Validate and Execute query

NOTE: You will be using the EPR-T table

Exercise II

1. Title the query - DQEXER-2
2. Create a query that will identify 200 soldiers:
 - a. Speak German or Spanish
 - b. Primary MOS (PMOSEN) 42A or 75H
 - c. Home of Records is New York, DC, or Puerto Rico
3. Sort the roster by Language, paygrade and name
4. Provide a title for report - "Spanish and German Speaking Soldiers"
5. Print the following data for each soldier found:

PAYGRA, NAME, SSN, PMOSEN, DEROS, LANG, STHRED, SEX, DOB
6. Validate and Execute query
7. Add a count by PAYGRA to roster
8. Re-run the query

NOTE: You will be using the EPR-T and EPL-T table

Exercise III

1. Title the query - DQEXER-3
2. Create a query that will use a TERM:
Query:
 - a. Select 200 individuals
 - b. Primary MOS (PMOSEN) -71L
 - c. Female soldiers only
 - d. Provide a count by PAYGRA and a total of all found
3. Create a term that will arrange and display a report. Title term - TERM-EX3

Term:

- a. Sort the records by pay grade
 - b. Print the following information:
 - NAME
 - PAYGRA
 - SSN
 - DMOSD (Duty MOS)
 - ASGTAS from the EQJ-T table
5. Validate and Execute query

REMINDER: You must relate to the EQJ-T table. The SSN is the common key to use for most table relates.

Exercise IV

1. Title the query - **DQEXER-4**
2. Create a query that will identify 200 FORSCOM soldiers located at Ft. Hood or Ft. Stewart. Use the CONTAINING search string.
3. Sort the roster by LOCNM and NAME
4. Provide a title for report - "FORSCOM Soldiers"
5. Print the following data for each soldier found:
EPR-T PAYGRA, NAME, SSN, DOB, PMOSEN, CURUIC,
AOF-T LOCNM
6. Validate and Execute query

HINTS:

EPR-T

UNTCA = 'FC'

AOF-T

LOCNM CONTAINING 'STEWART' OR LOCNM CONTAINING 'HOOD'

Misc.

Specify Table and field names.

The EPR-T and Organization tables will be used.

Use the **EP-UNIT-RELATED** Term to establish a link to the ORG tables.

Use the **EP-UNIT-WW** Term to print address information.

Exercise V

1. Title the query - DQEXER-5
2. Submit the query DQEXER-4 to run using JCL member \$EXPJCL

```
=>
-----DQEN
DATAQUERY:  BATCH EXECUTION
-----
Enter name of query to submit:          ACTIVE-QUERY
Select the type of execution:          X  Immediate
                                         _  Defer execution until time __ : __
Enter the name of the JCL member to use: $expJCL
Enter nonblank to use JCL for deferred: _
Select the report type:
      X  Detail and totals              _  When/do column functions only
      _  Detail only (no totals)        _  No detail (totals and when/do)
      _  Totals only (summary)          _  Suppress report
To export print data to a sequential file, select output record type:
      X  Variable comma separated       _  Fixed length record
For variable, enter name of output set  forscom
For variable, select output type:      _  Detail
                                         _  Totals
```

3. Press F3 to submit
4. Complete the next screen - DQEX0, DO NOT REMOVE commas, space and periods.

```
=>
SCROLL VALUES WITH PF7 OR PF8 AND CHANGE THEM IF DESIRED FOR THIS EXECUTION
-----DQEX0
PLEASE FILL IN THIS SCREEN BY TYPING OVER THE HIGHLIGHTED FIELDS.
LEAVE ALL COMMAS AND PARENTHESES IN PLACE.
THIS INFORMATION WILL BE USED TO FILL IN THE JOBCARD INFO IN THE JCL DECK.
ENTER THE DESIRED JOBNAME (8 CHARACTERS) - :
alraaa
ENTER YOUR ACCOUNT AND ROOM NUMBER
(z1z21581,9n65),
TYPE NAME AND ROOM NUMBER - :
'teacher /9n65',
ENTER USERID AND THEN NAME OF FILE FOR EXPORT :
alraaa.DQEXPORT,
-----
<PF1>  HELP          <PF2>  RETURN        <PF3>  CONTINUE      <PF4>  NOT USED
<PF5>  RANGE/LIST  <PF6>  NOT USED      <PF7>  BACKWARD      <PF8>  FORWARD
```

Exercise V

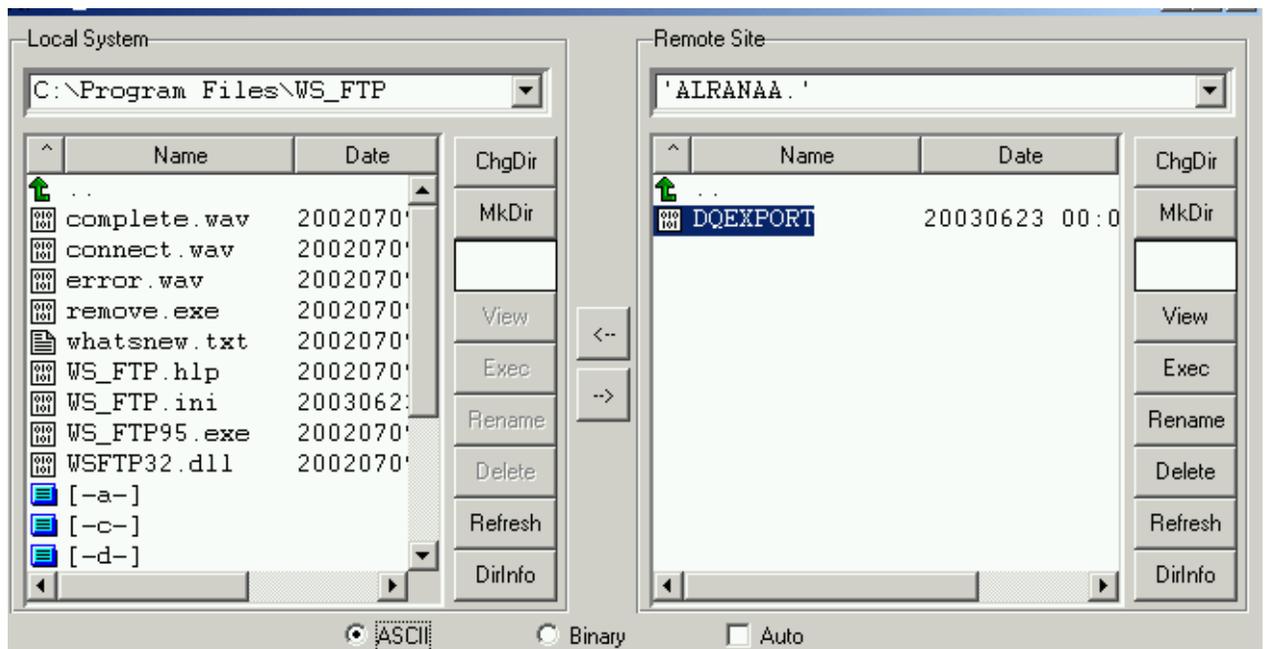
5. Press F3 to continue
6. You will receive a message similar to the following:
DQ4121 - YOUR JOB WAS SUBMITTED AT 14:18
7. Press ALT/F1 to toggle to TPX screen
8. Press function key assigned to AL1ROS, or move cursor next to blank line and press the Enter key
9. Press the Enter key when the ROSCOE screen appears
10. Type DIS to see the status of your job
11. When you receive the similar message below:
DIS03 JOB(S) ALRANAA* NOT FOUND
12. Type IMP DSN=ALRANAA.DQEXPORT, press the Enter key
13. Type A to attach your file. You should see data similar to below:

```
> APPLID(AALROS01)    USER(H6W,ALRANAA)
> AWS()              SCRL FULL COLS 00001 00072                A<ROS1>
> <...+...1...+...2...+...3...+...4...+...5...+...6...+...7...
..... ===== T O P =====
000001 HEADER,FORSCOM,DETAIL,062303,141902,RECORD,EPR-T,EPR,356,FIELD,NAME,C,00
000002 T,C,0025,00,N,FIELD,UDESC,C,0015,00,N,FIELD,USARS,C,0002,00,N,FIELD,QUNO
000003 UGPNM,C,0009,00,N
000004 DATA,"ADAMS RICHARD BUFORD JR","E09","00250","WEP0AA","FC","FT HOOD","HH
000005 DATA,"ARNETT ADRIAN KEITH","E09","00250","W3Y9AA","FC","FT HOOD","III CO
000006 DATA,"ARRITOLA MARK ERIC","E05","02J10","WELNAA","FC","FT HOOD","1ST CA
000007 DATA,"BAKER DAVID MICHAEL","E09","0025M","WBHNAA","FC","FT HOOD",,"AREA
000008 DATA,"BARNES KEISHA MONIQUE","E05","02G20","WEL3AA","FC","FT HOOD",,"4TH
000009 DATA,"BARNETT ERNEST JR","E09","00250","WAQ2T0","FC","FT HOOD",,"HHC TAN
000010 DATA,"BEATTIE SANDRA LEE","E09","00250","WCWXT0","FC","FT HOOD",,"HHC",,
000011 DATA,"BENTLEY STUART REAGAN","E04","02E1","WEL3AA","FC","FT HOOD",,"4TH
000012 DATA,"BESS GARY WAYNE","E09","13250","WFBKT0","FC","FT HOOD",,"HHB",,"03"
000013 DATA,"BOOKER ROBERT","E09","00250","WAGPT0","FC","FT HOOD",,"2D BN, 12TH
000014 DATA,"BOWERS TIMOTHY ONEAL","E09","0025P","WNBTX1","FC","FT HOOD",,"COSC
000015 DATA,"BRANAN TERRY ALAN","E09","00250","WAGQT0","FC","FT HOOD",,"HHC",,"HH
000016 DATA,"BRISCOE BYRON","E09","00252","WAGUT0","FC","FT HOOD",,"SC BN HHC"
000017 DATA,"BROCK DONNA ANN","E09","00250","WBH7T0","FC","FT HOOD",,"MD HSP
```

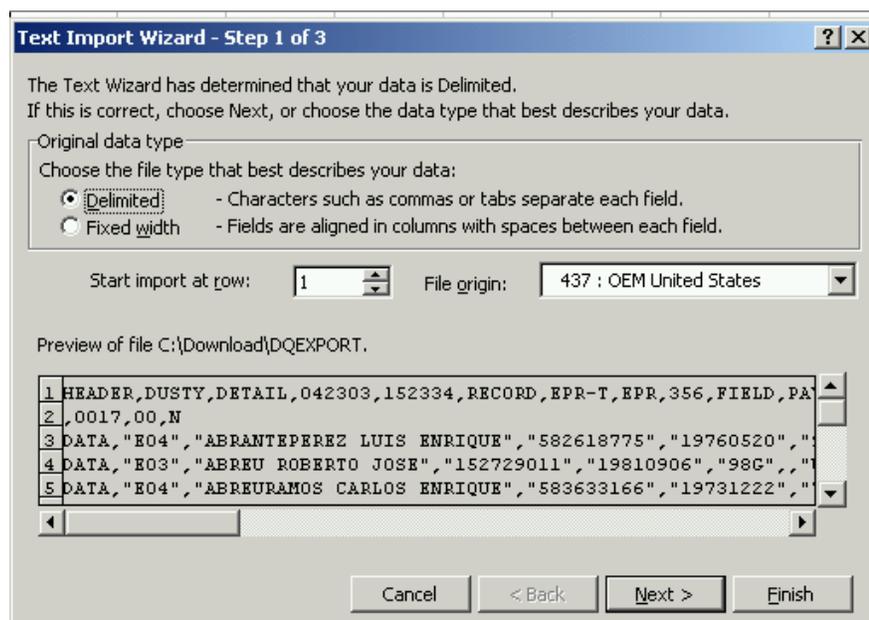
14. Type EXP DSN=ALRANAA.DQEXPORT, press the Enter key
15. Type DEL, press the Enter key
16. Type OFF, press the Enter key
17. Click FTP icon on status bar to sign on to FTP

Exercise V

18. When connection is made you will see the following screen:



19. Select the Dataset name **DQEXPORT** from list of files on Remote Site
20. Make sure you select **ASCII** for mode
21. Click ← to copy to C:\Program Files\WS_FTP
22. File transfer should begin and you should now see DQEXPORT on hard drive. Close FTP screen.
23. Open file DQEXPORT in Excel, the following screen appears



Exercise V

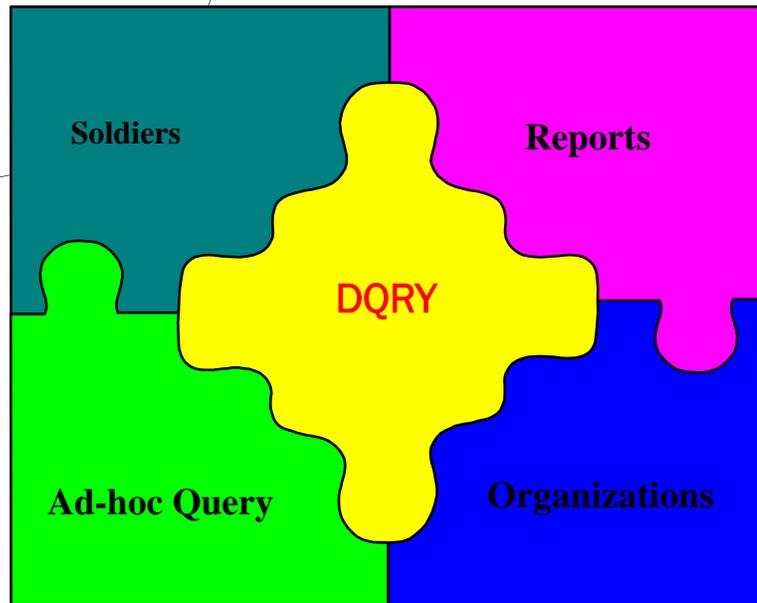
24. Click Next, select Comma,
25. Click Next, select Do not import column (skip),
26. Click Finish
27. Change your screen to look similar to figure below

	A	B	C	D	E	F	G	H
1	FORSCOM SOLDIERS AT FORT STEWART OR FORT HOOD							
2	PAYGRA	NAME	SSN	DOB	PMOSEN	DEROS	CURUIC	LOCNM
3	E04	ABRANTEPEREZ LUIS ENRIQUE		19760520	92A		WDWTAA	FT HOOD
4	E03	ABREU ROBERTO JOSE		19810906	98G		WH62D0	FT HOOD
5	E04	ABREURAMOS CARLOS ENRIQUE		19731222	77F		WH6BT0	FT HOOD
6	E03	ABREUTORRES FRANCISCO A		19790507	88M		WCMAAA	FT HOOD
7	E05	ABREUTORRES LUIS ALBERTO		19800730	75H		WDY6A1	FT HOOD
8	E05	ACEVEDO BERTIE L		19720421	88M		WFQ4AA	FT HOOD
9	E08	ACEVEDO CARLOS FEDERICO		19550718	31U		WGLMTO	FT HOOD
10	E04	ACEVEDO EDUARDO NMN		19800906	12B		WANUB0	FT HOOD
11	E03	ACEVEDO FRANKIE JOSEPH JR		19820403	54B		WDGWA0	FT HOOD
12	E04	ACEVEDO RICHARD JR		19800801	91W		WH4GT0	FT HOOD
13	E06	ACEVEDO ROBERTO		19691030	63H		WAGKAA	FT HOOD
14	E03	ACEVEDOCLASS OMAR		19750915	11B		WEZKCO	FT HOOD
15	E06	ACEVEDOSANCHEZ EDGARDO		19660107	19K		WAE0A0	FT HOOD
16	E03	ACOSTA ANGEL		19750406	71L		WADWTO	FT HOOD
17	E05	ACOSTA DAMARIS		19650519	92A		WAGKAA	FT HOOD
18	E05	ACOSTA GABRIEL		19760802	13M		WA2UB0	FT HOOD
19	E03	ACOSTA GENARO		19770919	14R		WD21B0	FT HOOD

28. Save the file as FTPUPLOAD.XLS

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Enlisted DataQuery



TAPDDB/AE

Component Definitions

LANG - LANGUAGE IDENTITY

Actual Field Value	Code Definition	Status C = Current
AA	AFRIKAANS	C
AB	ALBANIAN	C
AC	AMHARIC	C
AD	ARABIC-MODERN STANDARD	C
AE	ARABIC-EGYPTIAN	C
AF	ACHINESE	C
AG	ADIGEY	C
AH	ACHOLI	C
AJ	ARABIC-CLASSICAL	C
AK	ARABIC-JORDANIAN	C
AL	ARABIC-LIBYAN	C
AM	ARABIC-MALGHREB .	C
AN	ARABIC-PENINSULA	C
AP	ARABIC-SYRIAN	C
AQ	ARABIC-LEBANESE	C
AR	ARMENIAN (EAST AND WEST)	C
AS	ASSAMESE	C
AT	ARAMAIC	C
AU	ARABIC-YEMENI	C
AV	ARABIC-SUDANESE .	C
AW	AVAR	C
AX	AZERBAIJANI	C
AY	AYMARA	C
AZ	ARABIC	C
BA	MANDINGO-BAMBARA (INCLUDES BAMBARA)	C
BB	BAHNAR	C
BC	AKPOSSO	C
BD	BALINESE	C
BE	BEJA (ALSO BEDAWIYA)	C
SF	BATAK	C
BG	BASSA-KRU	C
BK	BAULE (INCLUDES ANYI-BAULE)	C
BJ	BAMILIKE	C
BK	BAKWERI	C
BL	BELORUSSIAN	C
BM	BEMBA	C
BN	BENGALI	C
BP	BASHKIR	C
BQ	BASQUE	C
BR	BERBER (BERBER-TAMAZIGT, BERBER-TASHELHIT, BERBER-ZENATIYA)	C
BS	ARABIC-MOROCCAN	C
BT	BALUCHI	C
BU	BULGARIAN	C
BV	BIHARI	C
BW	ARABIC-TUNISIAN	C
BX	BRETON	C
BY	BURMESE	C
BZ	BANTU	C
CA	CAMBODIAN	C
CB	CATALAN	C
CC	CHINESE-CANTONESE (INCLUDES YUEH)	C
CD	SOUTH MIN (CHINESE-AMOY AND CHINESE-.SWATOW)	C
CE	BUGINESE-MAKASSARESE	C
CF	CHINESE-FUKIENESE (INCLUDES MIN)	C
CG	BICOL (ALSO VICOL AND BIKOL)	C
CH	CHINESE-HAKKA	C
CJ	GUAMANIAN (INCLUDES CHAMORRO)	C

CK	CHECHEN	C
CL	COPTIC	H
CM	CHINESE-MANDARIN (CHINESE-KUO-YU AND HSIANG)	C
CN	CHINESE-ANHWEI	C
CP	CORNISH	H
CQ	CHINESE-FUCHOW (INCLUDES NORTH-MIN)	C
CR	AMASHI	C
CS	CHINESE-WU	C
CT	CHINESE-TOISHAN (INCLUDES TAISHAN AND TOYSAN)	C
CU	BINI	C
CV	CHUKCHI (INCLUDES LUORAVETIAN AND CHUKOF)	C
CW	TUNG (INCLUDES CHINESE-CHUANG AND CUANG)	C
CX	CZECH	C
CV	CHOKWE (INCLUDES CHOKWE AND KIOKO)	C
CZ	CHINESE	C
DA	DANISH	C
DB	DYERMA-SONGHAI (INCLUDES SONGHAI)	C
DC	KARACHAI-BALKHAR	C
DO	MPONGWE	C
DE	SUNDANESE	C
DF	SYRIAC	C
DG	ARABIC-GULF	C
DJ	DINKA	C
DL	DUALA	C
DR	CHINESE-STANDARD	H
DU	DUTCH	C
DV	DIVEHI	C
DW	DUTCH-CREOLE	C
DZ	NORTH AMERICAN	C
EA	OLD ENGLISH (ALSO ANGLO-SAXON)	H
EB	KUMBO	H
EC	BASSA (CAMEROONS)	C
EF	EFIK (ALSO FI)	C
EK	ESKIMO	C
EL	ESPERANTO	C
EN	ENGLISH	C
ES	ESTONIAN	C
EW	EWE	C
EX	EWONDO (INCLUDES YAUNDE)	C
EZ	SOUTH AMERICAN	C
FA	FANG-BULA	C
FB	AKAN	C
FC	OLD FRENCH	H
FD	FOROESE	C
FE	FRISIAN	C
FG	FIJIAN	C
FJ	FINNISH	C
FL	FLEMISH	C
FM	FORMOSAN	C
FQ	FON	C
FR	FRENCH	C
FV	FULANI	C
FZ	WEST EUROPEAN	C
GA	GALLA (INCLUDES OROMO)	C
GB	GA	C
GC	GALLIC	H
GD	GOTHIC	H
GE	GREEK-NEW TESTAMENT	C
GF	IRISH	C
GG	GEORGIAN	C
GH	OLD HIGH GERMAN	H
GL	GAELIC	C
GM	GERMAN	C

GN	SCOTCH-GAELIC	C
GP	KAPINGAMARANGI	H
GQ	GONDI	C
GR	GREEK	C
GS	GERMAN-SWISS	C
GT	GERMAN-BAVARIAN	C
GU	GUARANI	C
GW	GUJARATI	C
GX	FANA (INCLUDES FANAGALO)	C
GZ	SUB-SAHARAN AFRICAN	C
HA	HAWAIIAN	C
HC	HAITIAN-CREOLE (INCLUDES FRENCH OR MARTINIQUE CREOLE)	C
HE	HEBREW (MODERN)	C
HJ	HINDI	C
HN	HINDUSTANI	C
HR	HERERO	C
HS	HAUSA	C
HU	HUNGARIAN	C
HZ	NORTH AFRICAN, MIDDLE EAST AND SOUTHWEST ASIAN	C
JA	JAPANESE	C
JB	IBO (INCLUDES IGBO)	C
JC	ICELANDIC	C
JD	IBAN	C
JE	IBANAG	C
JF	ILA-TONGA	C
JG	KAMBATTA	C
JH	KANURI (INCLUDES KANEMBU)	C
JJ	IJAW (INCLUDES IJO)	C
JK	ITALIAN-SARDINIAN (INCLUDES SARDINIAN)	C
JL	ILOCANO	C
JM	ITALIAN-NEAPOLITAN	C
JN	INDONESIAN	C
JR	JARAI	C
JS	ITALIAN-SICILIAN	C
JT	ITALIAN	C
JV	JAVANESE	C
JZ	CONTINENTAL EURASIAN	C
KA	KANARESE (ALSO CANARESE, INCLUDES KANNADA)	C
KB	KASHMIRI	C
KC	KAREN	C
KD	KHERWARI	C
KE	KAZAKH	C
KF	KIRUNDI	C
KG	KIKONGO (INCLUDES KONGO)	C
KR	KACHIN (INCLUDES CHING-PO, JING-PAW, SHANTOU, SINGHO)	C
KJ	KIKUYU	C
KK	KIMBUNDU (INCLUDES NDONGO)	C
KL	KINYARWANDA	C
KM	KIRGHIZ	C
KN	KITUBA (ALSO MONOKITUBA AND MUNUKUTUBA)	C
KP	KOREAN	C
KQ	KONKANIS	C
KR	KASHUBIAN (ALSO KASZUB AND KASI-IUBE)	C
KS	KISSI	C
KT	KABRE (INCLUDES KOTOKOLI AND TEM)	C
KU	KURDISH	C
KV	KPELLE (INCLUDES GERZE AND GUERZE)	C
KW	KRIO	C
XX	KURUKH	C
KY	KABYLE	C
KZ	SOUTH ASIAN	C
LA	SPANISH-AMERICAN	C
LB	LISU	C

Enlisted Personnel Database Query System Using Data Query

LC	LAO (ALSO LAOTIAN)	C
LD	LADINO	C
LE	LATVIAN (INCLUDES LETTISH)	C
LF	LOLO (INCLUDES AKHA,I, NESU, NOSU, YI)	C
LG	LOMONGO (INCLUDES LUNKUNDU)	C
LH	LATIN-ECCLESIAS TIC	H
LJ	LINGALA (INCLUDES NGALA)	C
LK	LUBA KASAI (ALSO TSHILUBA)	C
LL	LAMBA	C
LM	LUNDA	C
LN	LAHNDA	C
LP	LAPP	C
LQ	LLJBAKATANGA	C
LR	LANDSMAL	C
LS	LUGANDA (INCLUDES GANDA)	C
LT	LITHUANIAN	C
LU	LUO	C
LV	LOMA	C
LY	MARANAO	C
LZ	PACIFIC ISLANDS	C
MA	MACEDONIAN	C
MB	MANDINGO-DIOULA (INCLUDES MINDINGO, DIOULA AND MANDIO)	C
MC	MIAO-YAO (INCLUDES MEO)	C
MD	MADURESE	C
ME	MAORI	C
MF	MAYA	C
MG	MALAGASY	C
MH	MORO	C
MJ	MAKUA	C
MK	MANX	C
ML	MALAY	C
MM	MARSHALESE	C
MN	MALAYALAM	C
MP	MALTESE	C
MQ	MANDINGO-MALINKE (INCLUDES MALINKE)	C
MR	MARATHI	C
MS	MASAI	C
MT	MENDE	C
MU	MINANGKABAU	C
MV	MONGOLIAN (INCLUDES KHALKHA-MONGOL)	C
MW	MORDVINI	C
MX	MUONG	C
MY	MOSSI	C
MZ	GERMANIC	C
NA	OLD NORSE (ALSO OLD SCANDINAVIAN)	H
NB	NIUE	C
ND	NDEBELE (INCLUDES SINDEBELE)	C
NE	NEPALESE	C
NM	MISKITO	C
NR	NORWEGIAN	C
NV	NUBIAN	C
NX	NYORO	C
NY	NYANJA	C
NZ	ROMANCE	C
PA	PAPIAMENTO	C
PB	PIDGIN ENGLISH	H
PC	PONAPEAN	C
PD	PALAUAN	C
PF	PERSIAN-IRANIAN (INCLUDES FARSI)	C
PG	PERSIAN-AFGHAN	C
PH	PAHARI	C
PJ	PUNJABI	C
PK	OLD SLAVONIC	H

PL	POLISH	C
PM	PIDGIN ENGLISH	C
PN	PANGASINAN	C
PP	PAPUAN	C
PG	PORTUGESE-BRAZI LIAN	C
PR	PRO VENCAL	C
PS	PIZAR MALAY	C
PT	PORTUGESE-EUROP EAN	C
PU	PUSHTU (ALSO PASHTO AND PACHTO)	C
PV	PUSHTU-AFGHAN	C
PW	PUSHTU-PESHAWAR I	C
PX	PULAP	C
PY	PORTUGESE	C
PZ	SLAVIC	C
QA	ORIYA	C
QB	SPANISH	C
QC	SPANISH-CARIBBE AN	C
GE	ARABIC-EASTERN	C
GM	KUSAIL	H
QR	KUSAIE	C
QS	OSSETIC	C
QT	OTETELA	C
QU	QUECHUA	C
QV	PAMPANGAN	C
QW	ARABIC-WESTERN	C
QZ	INDIC	C
RA	RAJASTHANI	C
RB	SANTALI	C
RC	RHAETO-ROMANCE (INCLUDES ROMANSH)	C
RD	SIDAMO	C
RF	SENA	C
RG	SANSKRIT	H
RH	RHADE (INCLUDES EDE)	C
RL	MORTLOCKESE	H
RM	ROMANY	C
RN	RUNDI	C
RQ	ROMANIAN (INCLUDES MOLDAVIAN)	C
RT	RUTHENIAN	C
RU	RUSSIAN	C
RY	RYUKYUAN	C
RZ	INDO-EUROPEAN	C
SA	SAMOAN	C
SB	SANGO	C
SC	SERBO-CROATIAN (INCLUDES CROATIAN AND SERBIAN)	C
SD	SINDHI	C
SE	SARA	C
SF	SHAN	C
SG	SHLUH	C
SH	SHONA	C
SI	SIGN LANGUAGE	H
SJ	SINGHALESE (INCLUDES MALDIVIAN)	C
SK	SLOVAK	C
SL	SLOVENIAN	C
SM	SOMALI	C
SN	SONINKE	C
SP	SOTHO (INCLUDES SESUTO)	C
SQ	SEDANG (INCLUDES SEDAN)	C
SR	SPANISH-CASTILIAN	C
SS	SPANISH-CREOLE	C
ST	SUKUMA (INCLUDES NYAMWEZI)	C
SU	SUSU	C
SV	SERER	C
SW	SWAHILI	C

SX	SWATI	C
SY	SWEDISH	C
SZ	SEMITIC	C
TA	TAGALOG	C
TB	TADJIK	C
TC	TAMIL	C
TD	TAHITIAN	C
TE	TELUGU	C
TF	TEMNE	C
TG	TAKI-TAKI	C
TH	THAI (INCLUDES SIAMESE)	C
TI	TIBETAN	C
TK	TAPACHULA	C
TL	TIGRINYA	C
TM	TATAR	C
TN	TIGRE	C
TP	TSONGA	C
TQ	TRUKESE	C
TR	TSWA	C
TS	TSWANA (INCLUDES CHUANA)	C
TT	TAMACI-IEK (INCLUDES TAUREG)	C
TU	TURKISH	C
TV	TULU	C
TY	TUNGUSU	C
TZ	AFRO-ASIAN	C
UA	TUPI	C
UB	TURKOMAN (INCLUDES TURKMEN)	C
UC	TONGA (INCLUDES TUMBUKA AND ZAMBIAN)	C
UJ	UIGHUR	C
UK	UKRANIAN	C
UL	ULITHI	C
UM	UMBUNDU (ALSO MBUNDU)	C
UR	URDU	C
UX	UZBEK	C
UZ	SINO-TIBETAN	C
VA	VAI	C
VS	CEBUANO	C
VC	VIETNAMESE-CENTRAL	C
VH	HILIGAYNON	C
VN	VIETNAMESE-HANOI (ALSO ANNAMESE)	C
VQ	VOLAPUK	C
VS	VIETNAMESE-SAIGON	C
Vi	VISAYAN (ALSO BISAYAN, HILIGAYNON, AND VISAYON/DIALECTS)	C
VZ	LANGUAGE FAMILY	C
WA	WALAMO	C
WB	WENDISH (ALSO LUSATIAN)	C
WE	WELSH	C
WH	XHOSA	C
WL	WOLEAI	H
WP	WARSAW PACT	C
WQ	WOLOF	C
WS	WESCOS	C
WV	WA	C
WZ	BALTIC	C
XA	ZENAGA	C
XB	AVESTAN	H
XE	ZERBA	C
XU	ZULU	H
XZ	ARTIFICIAL	C
YA	YAKUT	C
YB	YAO (MALAWI, AFRICA AND MOZAMBIQUE)	C
YC	YAO (CHINA, THAILAND AND LAOS)	C
YD	CHINESE-AMOY (INCLUDES AMOY)	H

Enlisted Personnel Database Query System Using Data Query

YE	CHA'O CHOU	C
YE	CHIN-SWATOW	H
YG	GREEK-ANCIENT	C
YH	HEBREW-ANCIENT	C
YJ	YIDDISH	C
YL	LATIN	C
YM	LAHU	C
YP	YAPPESE	C
YQ	YORUBA	C
YS	SUMERIAN	H
YY	NONE	C
YZ	ANCIENT/DEFUNCT	C
ZZ	UNSPECIFIED	C

MARST - MARITAL STATUS

Actual Field Value	Code Definition	Status C = Current
A	ANNULLED	C
D	DIVORCED	C
I	INTERLOCUTORY DECREE	C
L	LEGALLY SEPARATED	C
M	MARRIED	C
P	SOLE PARENT	H
S	SINGLE	C
W	WIDOWED	C
Z	UNKNOWN	C

MSAE –CIVILIAN EDUCATION SPECIALTY

Actual Field Value	Code Definition	Status C = Current
AAA	THEATER ARTS	C
AAE	ARABIC – EGYPTIAN	C
AAK	ARABIC – JORDANIAN	C
AAL	ARABIC – LIBYAN	C
AAN	ARABIC - SAUDI	C
AAP	ARABIC – SYRIAN	C
AAQ	ARABIC – LEBANESE	C
AAX	ART	C
AAZ	ARABIC	C
ABN	ARABIC BENGALI	C
ABX	LANGUAGE LITERATURE CLASSICAL (GREEK-LATIN ANCIENT HEBREW)	C
ACA	EDUCATION, RELIGIOUS	C
ACB	PASTORAL COUNSELING	C
ACC	RELIGION THEOLOGY	C
ACD	CHINESE CANTONESE	C
ACE	THEOLOGICAL STUDIES (BIBLICAL STUDIES)	C
ACF	JEWISH RELIGIOUS EDUCATION	C
ACG	SYSTEMATIC THEOLOGY	C
ACM	CHINESE MANDARIN	C
ADG	ARABIC – IRAQUI	C
ADU	DUTCH	C
ADX	ENGLISH	C
AEW	MUSIC EDUCATION	C
AEX	MUSIC	C
AFA	PUBLIC SPEAKING	C
AFB	DRAMATICS	C
AFC	HOMILETICS AND COMMUNICATION SKILLS	C
AFR	FRENCH	C
AGA	BROADCASTING (ANNOUNCER)	C
AGB	PRODUCTION MOTION PICTURE	C
AGC	PRODUCTION TELEVISION	C
AGE	PHOTOGRAPHY	C
AGM	LANGUAGE LITERATURE FOREIGN	C
AHJ	HINDI	C
AHX	LANGUAGE LITERATURE FOREIGN	C
AHY	LINGUISTICS	C
AJA	JAPANESE	C
AJN	INDONESIAN	C
AJT	ITALIAN	C
AKP	KOREAN	C
AKX	JOURNALISM WRITING EDITING	C
ALA	SPANISH (LATIN AMERICAN)	C
ALX	PHILOSOPHY	C
AML	MALAYSIAN	C
ANR	NORWEGIAN	C
ANX	ARTS LIBERAL	C
APQ	PORTUGESE(BRAZI LIAN)	C
APY	PORTUGESE(EUROPEAN)	C
AQE	ARABIC - EASTERN	C
AQW	ARABIC. WESTERN	C
ARU	RUSSIAN	C
ASC	SERBO - CROATIAN	C
ASR	SPANISH (CASTILLIAN)	C
ASY	SWEDISH	C
ATA	TAGALAC	C
ATH	THAI	C
ATU	TURKISH	C

AUR	URDU	C
AXX	ARTS - CLASSICAL GENERAL	C
BAA	ACCOUNTING AUDITING	C
BAC	ADVERTISING	C
BAD	BANKING AND FINANCING	C
BAE	FINANCE	C
BAF	COMMERCE MARKETING MERCHANDISING	C
BAK	LABOR RELATIONS	C
SAL	OPERATIONS RESEARCH ANALYST (BUSINESS)	C
SAM	COMPTROLLERSHIP	C
BAN	AUTOMATIC DATA PROCESSING SYSTEMS - BUSINESS	C
BAO	ORGANIZATION BEHAVIOR (ORGANIZATIONAL EFFECTIVENESS)	C
BAP	ORGANIZATION BEHAVIOR (PERSONNEL MANAGEMENT)	C
BAQ	LEADERSHIP DEVELOPMENT	C
BAR	COLLEGE ADMINISTRATION	C
BAS	FOOD DISTRIBUTION	C
BAT	MATERIEL ACQUISITION MANAGEMENT	C
BAU	HUMAN SERVICES	C
BAV	HUMAN RESOURCES	C
BAW	HUMAN ECOLOGY	C
SAX	BUSINESS ADMINISTRATION	C
BAY	AVIATION BUSINESS ADMINISTRATION	C
BBA	ADMINISTRATION PUBLIC	C
BBB	PERSONNEL MANAGEMENT/ADMINISTRATION	C
BBC	CORRECTIONAL ADMINISTRATION	C
BBD	COMMERCIAL AVIATION TRANSPORTATION	C
BBE	RESEARCH PROGRAM MANAGEMENT	C
BBF	MANAGEMENT LOGISTICS	C
BBG	TRANSPORTATION AND TRAFFIC MANAGEMENT	C
BBH	MANAGEMENT INSTITUTIONAL	C
BBI	INFORMATION TECHNOLOGY MANAGEMENT	C
BBK	MANAGEMENT INDUSTRIAL	C
BBL	MANAGEMENT AEROSPACE .	C
BBM	CHURCH MANAGEMENT	C
BBN	HOTEL-RESTAURAN T MANAGEMENT	C
BBP	PROCUREMENT AND CONTRACT MANAGEMENT	C
BBR	SYSTEMS MANAGEMENT	C
BBS	SAFETY	C
BBT	TELECOMMUNICATI ONS MANAGEMENT	C
BBU	AVIATION OPERATIONS MANAGEMENT	C
BBV	RESOURCE MANAGEMENT	C
BBX	MANAGEMENT	C
BOA	FOREIGN TRADE	C
BCB	STRATEGIC INTELLIGENCE MANAGEMENT	C
BCC	ADMINISTRATION	C
BCD	COMMERCE	C
BCE	AVIATION MAINTENANCE	C
BCF	INFORMATION SYSTEM MANAGEMENT	C
BCX	BUSINESS ECONOMICS	C
BMS	AERONAUTICAL STUDIES	C
BPT	HEALTH SERVICES ADMINISTRATION	C
BWX	MASTERS OF ADVANCED MILITARY STUDIES	C
BXX	MANPOWER PERSONNEL AND TRAINING ANALYSIS	C
CAA	DESIGN TECHNOLOGY	C
CAB	BUSINESS	C
CAC	ENGINEERING ARCHITECTURAL	C
CCM	ENGINEERING NAVAL ARCHITECTURAL	C
CAX	ARCHITECTURE LANDSCAPE	C
CCD	URBAN PLANNING	C

CCF	ENGINEERING STRUCTURAL	C
CCG	CIVIL ENGINEERING (STRUCTURAL DYNAMICS)	C
CCH	ENGINEERING (TRANSPORTATION)	C
CCI	TRANSPORTATION/LOGISTICS MANAGEMENT	C
CCK	RADIOLOGICAL SAFETY AND DEFENSE	C
CCL	CITY PLANNING	C
CCM	REGIONAL PLANNING	C
CCN	ENGINEERING SPACE FACILITIES	C
CCO	ENVIRONMENTAL ENGINEERING	C
CCP	ENVIRONMENTAL HEALTH ENGINEERING	C
CCQ	ENVIRONMENTAL SCIENCE	C
CCR	CIVIL ENGINEERING (SANITARY)	C
CCS	ENVIRONMENTAL MANAGEMENT	C
CCX	CIVIL ENGINEERING	C
CDX	ENGINEERING CERAMIC	C
CEX	ENGINEERING CHEMICAL	C
CEY	COMPOSITE MATERIALS	C
CFA	AERO SPACE ENGINEERING (SPACE TRAVEL)	C
CFB	PHYSICS SPACE	C
CFC	SPACE SYSTEMS ENGINEERING	C
CFD	SPACE SYSTEMS OPERATIONS	C
CFW	GEOGRAPHY (PHYSICAL)	C
CFX	ENGINEERING AERONAUTICAL	C
CFY	CARTOGRAPHY	C
CFZ	ASTRONAUTICAL ENGINEERING	C
CGA	PRODUCTION DESIGN ENGINEERING	C
CGB	ENGINEERING MANAGEMENT	C
CGX	ENGINEERING ADMINISTRATION	C
CHA	ENGINEERING ELECTRONICS	C
CHB	ENGINEERING RADIO	C
CHC	ELECTRONICS	C
CHD	ENGINEERING INSTRUMENTATION	C
CHE	COMMUNICATIONS	C
CHF	ELECTRONIC WARFARE SYSTEMS TECHNOLOGY	C
CHG	INDUSTRIAL TECHNOLOGY – MANUFACTURING	C
CHI	INDUSTRIAL TECHNOLOGY WITH OPTION IN GENERAL TECHNOLOGY	C
CHJ	JOINT COMMAND, CONTROL & COMMUNICATION	C
CHX	ENGINEERING ELECTRICAL	C
CKB	ENGINEERING ORDNANCE	C
CKC	ENGINEERING RAILWAY	C
CKD	ENGINEERING REFRIGERATION	C
CKE	ENGINEERING AIR CONDITIONING	C
CKF	ENGINEERING HYDRAULIC	C
CKH	ENGINEERING MECHANICS	C
CKK	ENGINEERING HEATING	C
CKL	ENGINEERING AUTOMOTIVE	C
CKM	ENGINEERING DIESEL	C
CKN	ENGINEERING EXPLOSIVE	C
CKP	GUIDED MISSILES	C
CKQ	SANITARY ENGINEERING	C
CKR	MISSILES AND MUNITIONS	C
CKS	MECHANICAL ENGINEERING TECHNOLOGY	C
CKX	MECHANICAL ENGINEERING	C
CLA	ENGINEERING NUCLEAR EFFECTS	C
CLE	ENGINEERING REACTOR	C
CLD	CIVIL ENGINEERING (CONSTRUCTION)	C
CLE	MAINTAINABILITY ENGINEERING	C
CLF	ENGINEERING NUCLEAR	C
CLX	CIVIL ENGINEERING (NUCLEAR ENGINEERING)	C
CME	MATERIAL ENGINEERING	C

Enlisted Personnel Database Query System Using Data Query

CMN	CONSTRUCTION MANAGEMENT	C
CMX	ENGINEERING MARINE	C
CNX	ENGINEERING METALLURGICAL	C
CPE	POLYMER ENGINEERING	C
CPF	POWER ENGINEERING	C
CPG	PLASTICS ENGINEERING	C
CPX	ENGINEERING MINING	C
CQX	ENGINEERING, PIPELINE	C
CPA	FUEL TECHNOLOGY	C
CRM	ENERGY RESOURCE MANAGEMENT	C
CRX	ENGINEERING PETROLEUM	C
CSX	ENGINEERING PHYSICS	C
CSY	VERTICAL LIFT TECHNOLOGY	C
CTX	ENGINEERING SAFETY	C
CUA	AUTOMATIC DATA PROCESSING SYSTEMS -ENGINEERING	C
CUB	OPERATIONS RESEARCH ANALYST (WEAPONS EFFECTS)	C
CUC	OPERATIONS RESEARCH ANALYST (ENGINEERING)	C
CUD	COMPUTER ENGINEERING (ARTIFICIAL INTELLIGENCE)	C
CUE	COMPUTER SCIENCE	C
CUF	COGNITIVE SCIENCE	C
CUG	SOFTWARE ENGINEERING	C
CUH	OPERATIONS RESEARCH STUDIES (CIVIL ENGINEER)	C
CUI	ENGINEERING TECHNOLOGY	C
CUJ	COMPUTER ENGINEERING TECHNOLOGY-COMPUTER OPTION	C
CUI	AIRWAY SCIENCE	C
CUL	TELEPROCESSING SCIENCE	C
CUM	BIOVETERINARY SCIENCE	C
CUP	COMPUTER BASED INSTRUCTION	C
CUX	SYSTEMS ENGINEERING	C
CVVX	ENGINEERING TEXTILE	C
CXX	ENGINEERING GENERAL	C
CYA	HUMAN FACTORS ENGINEERING	C
CYX	ENGINEERING INDUSTRIAL	C
CYY	ROBOTICS ENGINEERING	C
DAA	AGRICULTURE	C
DAB	AGRONOMY SOIL SCIENCE	C
DAD	DAIRY SCIENCE	C
DAE	FISH RESOURCES	C
DAF	FOOD TECHNOLOGY	C
DAG	HISTOLOGY	C
DAH	HORTICULTURE	C
DAI	EMBRYOLOGY	C
DAK	HUSBANDRY ANIMAL	C
DAL	HUSBANDRY POULTRY	C
DAM	PLANT PATHOLOGY	C
DAN	SUGAR TECHNOLOGY	C
DAP	WILD LIFE RESOURCES	C
DAR	BIOMETRY	C
DAS	AVIATION SAFETY	C
DAT	TECHNICAL MANAGEMENT	C
DAU	CONSTRUCTION MANAGEMENT	H
DAX	AGRICULTURE-FOR ESTRY GENERAL	C
DBA	ASTRODYNAMICS	C
DBB	NAVIGATION CELESTIAL	C
DBC	ASTROPHYSICS	C
DBX	ASTRONOMY	C
DCA	BOTANY GENERAL	C
DCB	ENTOMOLOGY	C
DCC	BACTERIOLOGY	C
DCD	PARASITOLOGY	C
DCE	TAXONOMY	C
DCF	ZOOLOGY	C
DCG	MED MICROBIOLOGY	C

Enlisted Personnel Database Query System Using Data Query

DCH	BIOLOGY	C
DCI	MICROBIOLOGY	C
DCJ	SPECIALIST IN APPLIED BIOLOGY	C
DCK	RADIATION BIOLOGY	C
DCL	RADIOLOGICAL HYGIENE	C
DCW	AEROMEDICAL SCIENCE	C
DCX	BIOLOGICAL SCIENCES	C
DDA	BIOCHEMISTRY	C
DDB	CHEMISTRY ANALYTICAL	C
DDC	CHEMISTRY INORGANIC	C
DDD	CHEMISTRY ORGANIC	C
DDE	CHEMISTRY PHYSICAL	C
DDF	CHEMISTRY NUCLEAR	C
DDG	CHEMISTRY CERAMICS GLASS	C
DDH	GLASS TECHNOLOGY	C
DOK	CHEMISTRY ELECTROCHEMISTRY	C
DDL	CHEMISTRY TEXTILE	C
DDM	CHEMISTRY PAPER	C
DDN	CHEMISTRY INDUSTRIAL	C
DDO	RADIOCHEMISTRY	C
DDP	METALLURGY	C
DDX	CHEMISTRY	C
DEA	NAVIGATION TERRESTRIAL	C
DED	TOPOGRAPHY INCLUDING PHOTOGRAMMETRY	C
DEX	GEODETTIC SCIENCE	C
DFA	GEOGRAPHY -	C
DFX	GEOGRAPHY ECONOMIC POLITICAL	C
DGA	GEOLOGY SURFICIAL	C
DGB	GEOLOGY STRATIGRAPHY	C
DGC	SEISMOLOGY	C
DGD	GEOLOGY TERRESTRIAL MAG-ELECTRICITY	C
OGE	GEOLOGY ECONOMIC	C
DGF	GEOLOGY	C
DGG	PALEONTOLOGY	C
DGH	MINERALOGY PETROLOGY	C
DGK	GEOLOGICAL ENGINEERING	C
DGL	METEOROLOGY CLIMATOLOGY	C
DGN	NAUTICAL SCIENCES	C
DGP	OCEANOGRAPHY HYDROLOGY	C
DGX	GEOPHYSICS	C
DHA	STATISTICS	C
DHB	MATHEMATICS CRYPTANALYSIS	C
DHC	MATHEMATICS BALLISTICS	C
DHD	APPLIED MATHEMATICS	C
DHX	MATHEMATICS	C
DKF	MILITARY SCIENCE (OTHER THAN UNITED STATES ACADEMIES)	C
DLA	PHYSICS BIOPHYSICS AND RADIOLOGY	C
DLB	PHYSICS ELECTRICITY MAGNETISM ELECTRONICS	C
DLC	HEALTH PHYSICS	C
DLD	PHYSICS NUCLEAR	C
DLE	PHYSICS OPTICS LIGHT (OPTICS)	C
DLF	PHYSICS THERMAL	C
DLG	JET PROPULSION	C
DLH	TECHNOLOGY NUCLEAR REACTOR	C
DLJ	MEDICAL RADIOLOGIC TECHNOLOGY	C
DLK	ADVANCE MANAGEMENT PROGRAM	C
DLL	MEDICAL TECHNOLOGY	C
DLM	RADIOLOGICAL PHYSICS	C
DLN	ADVANCE MANAGEMENT PROGRAM BROOKINGS INSTITUTE	C
DLP	ADVANCE MANAGEMENT PROGRAM SOUTHERN METHODIST. UNIVERSIT	C
DLX	PHYSICS	C
DLY	LASER/MICROWAVE PHYSICS	C
DLZ	PHYSICS, ASTRODYNAMICS	C

DM5	MATERIAL SCIENCE	C
DPS	POLYMER SCIENCE	C
DXX	PHYSICAL SCIENCES	C
EAA	ARCHEOLOGY	C
EAB	CULTURAL FOUNDATIONS	C
EAC	ETHNOLOGY	C
EAD	INTERDISCIPLINARY STUDIES	C
EAX	ANTHROPOLOGY	C
EBA	ARABIC STUDIES	C
EBB	MIDDLE EASTERN STUDIES	C
EBE	WESTERN EUROPEAN STUDIES	C
EBF	AFRICAN STUDIES	C
EBL	LATIN AMERICAN STUDIES	C
EBR	SOVIET STUDIES	C
EBS	ASIAN STUDIES	C
EBX	AREA STUDIES	C
ECA	POLICE SCIENCE AND ADMINISTRATION	C
ECB	CORRECTIONS (CONFINEMENT SPECIALIST)	C
ECF	FORENSIC SCIENCE	C
ECJ	CRIMINAL JUSTICE	C
ECX	CRIMINOLOGY	C
EDX	ECONOMICS	C
EEB	INSTRUCTIONAL TECHNOLOGY	C
EEC	EDUCATION INDUSTRIAL	C
EED	VOCATIONAL AND EDUCATIONAL GUIDANCE	C
EEE	VOCATIONS SUBJECTS (CRAFTS, TRADE)	C
EEF	GENERAL EDUCATION TECHNOLOGY	C
EEG	SPECIAL EDUCATION	C
EEN	RANGE SCIENCE	C
EEP	UNIVERSITY STUDIES	C
EEX	EDUCATION GENERAL (TEACHING) ADMINISTRATION	C
EFA	RECREATIONS	C
EFB	RECREATION AND PARK ADMINISTRATION	C
EFC	EDUCATION PHYSICAL	C
EGX	HISTORY	C
EHX	ECONOMICS HOME	C
EKA	INTERNAL PUBLIC POLICY	C
EKB	INTERNATIONAL RELATIONS	C
EKC	FOREIGN AFFAIRS	C
EKD	COMMUNICATIONS SCIENCES	C
EKE	SPEECH COMMUNICATION	C
ELX	ARTS INDUSTRIAL	C
EMX	LIBRARY SCIENCE ARCHIVES	C
ENB	PUBLIC SAFETY	C
ENC	GOVERNMENT CIVIL	C
END	GOVERNMENT MILITARY	C
ENE	SOCIAL WORK	C
ENF	ADMINISTRATION SOCIAL WORK	C
ENG	HUMAN RELATIONS	C
ENH	INDUSTRIAL RELATIONS	C
ENX	PUBLIC RELATIONS	C
ENY	PUBLIC AFFAIRS	C
EPA	PSYCHOLOGY ABNORMAL	C
EPB	PSYCHOLOGY EXPERIMENTAL	C
EPC	PSYCHOLOGY CLINICAL	C
EPD	PSYCHOLOGY SOCIAL	C
EPE	PSYCHOLOGY APPLIED	C
EPF	PSYCHOMETRICS PSYCHOPHYSICS	C
EPG	PSYCHOLOGY (ARTIFICIAL INTELLIGENCE)	C
EPH	PSYCHOLOGY CHILD	C
EPK	PSYCHOLOGY EDUCATIONAL	C
EPL	PSYCHOLOGY COUNSELING	C
EPM	PSYCHOLOGY INDUSTRIAL	C

EPP	POLITICS, PHILOSOPHY & ECONOMICS (OXFORD UNIV.)	C
EPX	PSYCHOLOGY	C
ERA	GEOPOLITICS	C
ERX	POLITICAL SCIENCE	C
ESD	SECONDARY EDUCATION	C
ESX	SOCIOLOGY	C
ETX	MORTUARY SCIENCE	C
EXX	SOCIAL SCIENCE GENERAL	C
FAA	CLINICAL OPTOMETRY MANAGEMENT	C
FAB	LABORATORY SCIENCE	C
FAC	NUCLEAR PHARMACY	C
FAX	PODIATRY (CHIROPODY)	C
FBA	DIETETICS	C
FBB	DIETITIAN ADMINISTRATIVE	C
FBC	DIETITIAN THERAPEUTIC	C
FBD	DIETITIAN CLINICAL	C
FBX	NUTRITION	C
FCA	OCCUPATIONAL THERAPY	C
FCB	OCCUPATIONAL THERAPY KINESIOLOGY	C
FCC	OCCUPATIONAL TRAINING MANAGEMENT	C
FCD	OCCUPATIONAL EDUCATION	C
FCX	OCCUPATIONAL THERAPY ARTS CRAFTS	C
FDA	ANATOMY	C
FDB	PHYSICAL THERAPY	C
FDC	PHYSICAL THERAPY ELECTROPHYSICS	C
FDD	PHYSICAL THERAPY NEUROLOGY	C
FDX	PHYSICAL THERAPY CORRECTIVE EXERCISE	C
FEA	PATHOLOGY SPEECH	C
FEX	AUDIOLOGY	C
FGA	BACTERIOLOGY	C
FGC	VIROLOGY	C
PHA	SEROLOGY	C
FHX	IMMUNOLOGY	C
FIA	TOXICOLOGY	C
FIB	PHARMACOLOGY	C
FIC	CHIROPRACTICS	C
FJA	ENVIRONMENTAL HEALTH	C
FKA	SANITARY SCIENCES	C
FKX	PHYSIOLOGY	C
FLA	PUBLIC HEALTH	C
FMA	NUCLEAR MEDICAL TECHNOLOGY	C
GAX	ANESTHESIOLOGY	C
GBX	DERMATOLOGY	C
GCA	ALLERGY	C
GCB	CARDIOLOGY	C
GCC	PROCTOLOGY NONSURGICAL	C
GCD	TUBERCULOSIS	C
GCE	GASTROENTEROLOGY	C
GCF	SYPI-IIOLOGY	C
GCH	UROLOGY NONSURGICAL	C
GCI	ENDOCRINOLOGY	C
GCJ	RHEUMATIC DISEASES	C
GCK	GASTROLOGY	C
GCL	ARTHRITIS	C
GCN	TROPICAL MEDICINE	C
GCX	MEDICINE INTERNAL	C
GDA	GYNECOLOGY	C
GOB	OBSTETRICS	C
GDX	OBSTETRICSIGYNE COLOGY	C
GEA	OPHTHALMOLOGY	C
GEX	SURGERY EYE	C
GFA	BRONCHOSCOPY	C
GFX	OTHORHINOLARYNG OLOGY	C

GGX	PATHOLOGY	C
GHA	MEDICINE FORENSIC	C
GHB	SPORTS MEDICINE	C
GIX	PEDIATRICS	C
GJX	MEDICINE PHYSICAL	C
GKA	MEDICINE AVIATION	C
GKB	INDUSTRIAL HYGIENE	C
GKC	SURGERY INDUSTRIAL	C
GKE	EPIDEMIOLOGY	C
GKF	BIOMEDICAL ENGINEERING	C
GKK	MEDICINE PREVENTIVE	C
GLA	PSYCHIATRY	C
GLC	NEUROLOGY	C
GMA	ROENTGENOLOGY DIAGNOSTIC	C
GMC	ROENTGENOLOGY THERAPEUTIC	C
GMF	ATOMIC MEDICINE	C
GNA	SURGERY THORACIC	C
GNB	SURGERY GENITOURINARY	C
GNC	SURGERY NEUROLOGIC	C
GND	SURGERY PLASTIC	C
GNE	ORTHOPAEDICS	C
GNF	PROCTOLOGY SURGICAL	C
GNG	VASCULAR SURGERY	C
GNH	SURGERY MAXILLOFACIAL	C
GNJ	SURGERY ORTHOPAEDIC	C
GNX	SURGERY	C
GOA	GENERAL MEDICINE	C
GOB	PHYSICIANS ASSISTANT TRAINING	C
GOX	OSTEOPATHY	C
GPA	BASIC SCIENCE	C
GPB	PREDENTALANDPREVET	C
GPC	MEDICAL SCIENCES GENERAL	C
GPX	PREMED	C
HAX	PATHOLOGY TISSUE (ONCOLOGY)	C
HBA	VETERINARYPUBLIC HEALTH	C
HBB	VETERINARY INSPECTION MEAT PRODUCTS	C
HBX	VETERINARY INSPECTION DAIRY PRODUCTS	C
HCB	SURGERY SMALL ANIMAL	C
HCE	SURGERY LARGE ANIMAL	C
HCF	ANIMAL SCIENCE	C
HCX	LABORATORY ANIMAL SCIENCES	C
HEX	VETERINARY MICROBIOLOGY	C
HXX	MEDICINE VETERINARY	C
IAA	DENTISTRY PREVENTIVE	C
IBX	ENDODONTICS	C
ICA	DENTAL ROENTGENOLOGY	C
ICB	DENTISTRY GENERAL	C
ICX	DENTISTRY OPERATIVE	C
IDA	ORAL MEDICINE	C
IEA	EXODONTIA	C
IEX	SURGERY ORAL	C
IFX	ORTHODONTIA	C
IGX	PEDODONTICS	C
IHX	PERIODONTIA	C
IX	DENTAL PROSTHESIS	C
IJX	DENTAL MATERIALS	C
JAX	NURSING ANESTHESIA	C
JBX	NURSING PERIOPERATIVE	C
JCA	NURSING, RESEARCH	C
JCB	NURSING, HEALTH POLICY	C
JCC	NURSING CARDIO-VASCULAR DISEASES	H
JCD	NURSE FLIGHT	H
JCE	NURSING, TRAUMA	C

JCF	NURSING, EMERGENCY	C
JCF	NURSING, EMERGENCY	H
JCG	NURSING, CRITICAL CARE	C
JCH	NURSING, ADULT HEALTH	C
JCI	NURSING, GERONTOLOGY	C
JCJ	NURSING, COMMUNITY HEALTH	C
JCK	NURSING SCIENCE	C
JCL	PRIMARY CARE, ADULT	C
JCM	PRIMARY CARE, PEDIATRICS	C
JCN	PRIMARY CARE, MATERNAL/CHILD HEALTH	C
JCO	PRIMARY CARE, FAMILY	C
JCP	HEALTH SCIENCES	C
JCQ	INFORMATICS	C
JCR	HEALTH EDUCATION	C
JCS	NURSING, HISTORICAL STUDIES	C
JCT	MIDWIFERY	C
IJCX	NURSING MEDICAL - SURGICAL	C
JDA	NURSING PEDIATRIC	C
JDD	NURSING OBSTETRICAL	C
JDX	NURSING MATERNAL AND CHILD HEALTH	C
JEC	NURSING MENTAL HEALTH	C
JEX	NURSING, PSYCHIATRIC/MENTAL HEALTH	C
JFX	NURSING PUBLIC HEALTH	C
JGX	NURSING EDUCATION	C
JHS	NURSING ADMINISTRATION	C
JXX	NURSING GENERAL	C
KXX	PHARMACY	C
LAX	PSYCHOLOGIC OPTICS	C
LXX	OPTOMETRY	C
MXX	GRADUATE STUDY - MEDICAL	C
NSA	NATIONAL SECURITY AFFAIRS	C
NSB	NATIONAL SECURITY AND STRATEGIC STUDIES	C
NSC	SECURITY MANAGEMENT	C
NSD	NATIONAL RESOURCE STRATEGY	C
NXX	GRADUATE STUDY-DENTAL	C
OXX	GRADUATE STUDY - OSTEOPATHY	C
PAX	LAW ADMIRALTY	C
PEA	LAW ADMINISTRATION	C
PBC	LEGISLATIVE AFFAIRS	C
PBD	LAW/PROCUREMENT	C
PEE	LEGAL STUDIES	C
PBF	LAW CUSTOMS IMMIGRATION	C
PEG	LAW PATENT	C
PBH	LAW CONTRACTS	C
P61	LAW LABOR RELATIONS	C
P6k	LAW/TAX	C
PBX	LAW CIVIL (CORPORATION, TORTS, REAL ESTATE)	C
PCX	LAW CRIMINAL	C
PDX	LAW INTERNATIONAL	C
PEX	LAW PRELAW	C
PFX	LAW/CANON	C
PXX	LAW	C
TBD	ROYAL COLLEGE OF DEFENCE	C
XXX	OTHER	C
YYY	NON-MAJOR	C
ZZZ	UNKNOWN	C

RACPOP-RACE

Actual Field Value	Code Definition	Status C = Current
C	WHITE (CAUCASOID)	C
M	YELLOW (ASIAN-MONGOLOI D)	C
N	BLACK (NEGROID OR AFRICAN)	C
R	RED (AMERICAN INDIAN)	C
X	OTHER	C
Z	UNKNOWN	C

REDCAT - RACIAL/ETHNIC DESCENT CAT

Actual Field Value	Code Definition	Status C = Current
A	ASIAN OR PACIFIC ISLANDER	C
C	WHITE, NOT HISPANIC	C
H	HISPANIC	C
N	BLACK, NOT HISPANIC	C
T	AMERICAN INDIAN OR ALASKAN NATIVE	C
X	UNKNOWN/OTHER	C

STHRED - HOME OF RECORD - STATE

Actual Field Value	Code Definition	Status C = Current
01	ALABAMA	C
02	ALASKA	C
04	ARIZONA	C
05	ARKANSAS	C
06	CALIFORNIA	C
08	COLORADO	C
09	CONNECTICUT	C
10	DELAWARE	C
11	DISTRICT OF COLUMBIA	C
12	FLORIDA	C
13	GEORGIA	C
15	HAWAII	C
16	IDAHO	C
17	ILLINOIS	C
18	INDIANA	C
19	IOWA	C
20	KANSAS	C
21	KENTUCKY	C
22	LOUISIANA	C
23	MAINE	C
24	MARYLAND	C
25	MASSACHUSETTS	C
26	MICHIGAN	C
27	MINNESOTA	C
28	MISSISSIPPI	C
29	MISSOURI	C
30	MONTANA	C
31	NEBRASKA	C
32	NEVADA	C
33	NEW HAMPSHIRE	C
34	NEW JERSEY	C
35	NEW MEXICO	C
36	NEW YORK	C
37	NORTH CAROLINA	C
38	NORTH DAKOTA	C
39	OHIO	C
40	OKLAHOMA	C
41	OREGON	C
42	PENNSYLVANIA	C
44	RHODE ISLAND	C
45	SOUTH CAROLINA	C
46	SOUTH DAKOTA	C
47	TENNESSEE	C
48	TEXAS	C
49	UTAH	C
50	VERMONT	C
51	VIRGINIA	C
53	WASHINGTON	C
54	WEST VIRGINIA	C
55	WISCONSIN	C
56	WYOMING	C
60	AMERICAN SAMOA	C
64	FEDERATED STATES OF MICRONESIA	H
66	GUAM	H
67	JOHNSTON ATOLL	H
68	MARSHALL ISLANDS	H

69	NORTHERN MARIANA ISLANDS	H
70	PALAU	H
71	MIDWAY ISLAND	H
72	PUERTO RICO	C
74	US MINOR OUTLYING ISLANDS	H
75	U.S.TRUST TERRITORIES	H
76	NAVASSA ISLAND	H
78	VIRGIN ISLAND	C
79	WAKE ISLAND	H
81	BAKER ISLAND	H
84	HOWLAND ISLAND	H
86	JARVIS ISLAND	H
89	KINGMAN REEF	H
95	PALMYRA ATOLL	H